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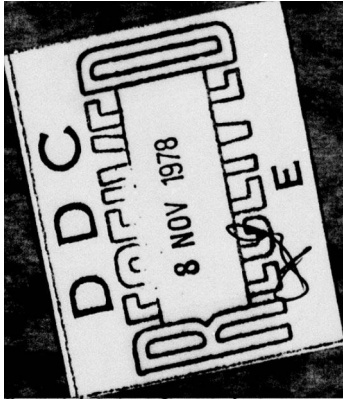
NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE N C
SUMMARY OF METEOROLOGICAL OBSERVATIONS, SURFACE (SMOS) SAN DIEG--ETC(U)
JUL 78

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UNCLASSIFIED

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1 OF 4
AD
A060970



Unclassified

SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

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20. ABSTRACT (Continue on reverse side if necessary and identify by block number) This data report consists of a six part statistical summary of surface weather observations. The six parts are: Part A - Weather Conditions/ Atmospheric Phenomena, Part B - Precipitation/Snowfall/Snow Depth, Part C - Surface Winds, Part D - Ceiling versus Visibility/Sky Cover, Part E - Psychrometric Summaries, Part F - Station Pressure/Sea Level Pressure		

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SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

STATION NO ON SUMMARY:		STATION NAME		LONGITUDE		STATION ELEV (FT)		CALL SIGN		WMO NUMBER	
93112		San Diego, California		117°12'W		24		KNZY			

STATION LOCATION AND INSTRUMENTATION HISTORY

NUMBER OF BARQ LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL		OBS PER DAY
			FROM	TO			FEET	TYPE BAROMETER	
1.	Naval Weather Service Facility, second deck, bldg 516, ops bldg	Navy	1944		32°42'N	117° 12'W	48	Mercurial	24
1a.	Naval Weather Service Facility	"	1960		"	"	50	Aneroid	24

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
1.	Installed 1944	Atop operations building	Selsyn	Triple	87' MSL	1. Barograph (3835-672)
2.	1956	Atop operations building	AN/UMQ-5C	RD-108C	95' MSL	2. Semi auto met station (AN/GNQ-14)
3.	1960	1500' from east end and 700' from centerline of runway 29	AN/UMQ-5	RD-108	30'	3. Cloud height set (AN/GNQ-13B)
						4. Transmissometer (GNQ-10C)
						5. Wave spectrum analyzer
						6. Wave height recorder
						7. Ceiling light (ML 121)
						8. GOES
						9. NAMFAX
						10. NEDN

SUMMARY OF METEOROLOGICAL OBSERVATIONS, SURFACE

DIRNAVOCEANMET 1tr 3146 Ser 1032 dated 26 August 1977 (NOTAL) established the following policy for SMOS production and updating:

1. Ten years of data will be used as the standard period of record (POR).
2. All available data will be used for extreme values.
3. Summarize (update) every five years.
 - a. Summarize the five year period (1973-1977) for all sections of the SMOS except extremes. The 5 year summary will be an intermediate SMOS to show secular trends. All available data through 1977 will be included for extreme values.
 - b. The update in 1983 will include the POR 1973 through 1982, with all available data through 1982 for extreme values.
 - c. The update in 1988 will be an intermediate SMOS (POR 1983-1987). All available data through 1987 will be included for extreme values.
 - d. In 1993 the POR will be 1983 through 1992. All available data through 1992 will be used for extreme values.

Each standard POR (10 years) summary should be retained by individual stations along with the SMOS prepared in 1973. The retention of these summaries will provide the most comprehensive climatological file for your station.

DESCRIPTION: Preceding each section is a brief description of the data comprising each part of the summary and the manner of presentation. Tabulations are prepared from 3-hourly and daily observations recorded by stations operated by the U.S. Navy and U.S. Marine Corps. 3-hourly observations are defined as these record or record-special observations recorded at scheduled 3-hourly intervals. Daily observations are selected from all data recorded on reporting forms and combined into Summary of the Day observations (prepared from record-special, local, summary of the day, remarks, etc.).

COMMENT: All observations summarized in this tabulation have been computer edited for consistency and reasonableness prior to, or during, the processing stage. Efforts to improve the quality of the data after summarization are expensive, i.e., the improvement might consist of the elimination of one suspect or erroneous value. The cost of preparing "perfect" copy can be prohibitive due to the handwork involved. Suspect cases will occur infrequently, but users should not disregard extreme values completely as some could be valid. Questionable values will most likely be single occurrences shown by a percentage frequency of ".0". (This value indicates a percent less than ".05," which, in most cases, reflects a single observation.) Since most stations summarized now have in excess of 10,000 3-hourly observations, the occurrence of an occasional spurious value should not in itself be considered significant. Every effort is made by this office to maintain a high degree of accuracy and reliability in these tables, and the Naval Weather Service Detachment (NWS), Asheville, N. C. welcomes your comment and criticisms.

PART A

WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from 3-hourly observations, and is presented in three tables as follows:

1. By month and annual, all hours and years combined.
2. By month and annual, all hours and years combined, by wind direction.
3. By month, all years combined, by standard 3-hour groups.

Occurrences of the various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet - Included are snow, sleet, snow pellets (soft hail), snow grains, and ice crystals.

Hail Occurrences of hail and small hail are included.

Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the total columns.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WEAN sources.)

Dust and/or sand - Included are blowing dust, blowing sand, and dust.

Blowing spray - This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision.

Percentage of observations with obstructions to vision - Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

NOTE: The total number of observations may vary among tables within the same month and period. Percentages may not always equal 100.0 due to rounding practices.

PART A

ATMOSPHERIC PHENOMENA

This summary is a presentation of the percentage of days with occurrences of various atmospheric phenomena. These data are obtained from all recorded information on the reporting forms and combined into a daily observation.

The descriptions of the phenomena in the Weather Conditions Summary above also apply for the categories summarized in these tabulations. However, it should be noted that in this summary the columns headed "% OF OBS WITH PRECIP" and "% OF OBS WITH OBST TO VISION" show the percentage of days rather than percentage of observations. Since more than one type of precipitation or more than one type of obstruction may occur in the same daily observation, the sum of the values in the individual columns may not equal the total columns.

This presentation is by month with annual totals, and is prepared with all years combined.

NOTE: A day with rain and/or drizzle was not separately reported in WBAW data prior to January 1949. Therefore percentages in this column are restricted to the period January 1949 and later.

A day with dust and/or sand was punched and included in this summary only when visibility was less than 5/8 mile.

Percentage Frequency of Wind Direction vs. Weather Conditions - This tabulation is derived from 3-hourly observations and is presented by month and annual, all hours and years combined. The main body of the Summary consists of weather conditions (horizontally) and wind directions (vertically) to 16 compass points (plus calm). Column totals show the number of observations. "% Total" indicates percentage frequency of occurrences.

WEATHER CONDITIONS

5701 WEATHER CONDITIONS JAN 1977

JAN

MONTH

73-77

YEARS

SAN DIEGO, CALIFORNIA

STATION NAME

93112

STATION

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	01		5.6				5.8	7.1	17.4			22.6	155
	04		6.5				6.5	7.7	13.5			20.0	155
	07		1.3				1.3	9.0	11.0			18.7	155
	10		3.9				3.9	4.5	13.5			16.1	155
	13		6.5				6.5	3.2	14.2			14.8	155
	16		3.9				3.9	3.2	14.2			14.2	155
	19		5.6				5.8	3.9	12.9			14.8	155
	22		7.7				7.7	4.5	16.1			20.0	155
TOTALS			5.2				5.2	5.4	14.1			17.7	1240

WEATHER CONDITIONS

93112 STATION NAME SAN DIEGO, CALIFORNIA 73-77 YEARS MONTH FEB

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
FEB	01		11.3				11.3	12.1	19.9			27.0	141
	04		5.0				5.0	13.5	19.9			29.1	141
	07		6.4				6.4	14.9	19.1			27.7	141
	10		6.4				6.4	5.7	24.8			27.7	141
	13		1.4				1.4		12.1			12.1	141
	16		2.8				2.8	1.4	9.9			11.3	141
	19		3.5				3.5	4.3	12.1			14.9	141
	22		5.0				5.0	11.3	11.3			18.4	141
TOTALS			5.2				5.2	7.9	16.1			21.0	1128

WEATHER CONDITIONS

5701 WEATHER CONDITIONS JAN 1988

93112

SAN DIEGO, CALIFORNIA

73-77

MAR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAR	01		3.2				3.2	5.2	7.1			10.3	155
	04		5.8				5.8	6.5	11.0			14.8	155
	07		8.4				8.4	7.7	16.8			23.2	155
	10		6.5				6.5	3.2	12.9			15.5	155
	13		3.9				3.9	1.3	9.0			10.3	155
	16		3.2				3.2	1.3	9.0			9.7	155
	19	.6	1.9				1.9	1.3	4.5			5.8	155
	22		2.6				2.6	1.3	5.2			6.5	155
TOTALS		.1	4.4				4.4	3.5	9.4			12.0	1240

WEATHER CONDITIONS

93112

SAN DIEGO, CALIFORNIA

73-77

APR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
APR	01		3.3				3.3	6.0	10.7			14.7	150
	04		4.0				4.0	8.0	12.0			16.0	150
	07		4.0				4.0	9.3	19.3			24.0	150
	10		2.7				2.7	1.3	18.0			18.7	150
	13		1.3				1.3		10.7			10.7	150
	16		2.7				2.7		8.0			8.0	150
	19		1.3				1.3		8.7			8.7	150
	22		3.3				3.3		8.7			8.7	150
TOTALS			2.0				2.8	3.1	12.0			13.7	1200

WEATHER CONDITIONS

5701 WEATHER CONDITIONS JAN 1988

93112 STATION NAME MAY MONTH
 SAN DIEGO, CALIFORNIA 73-77 YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAY	01		4.5				4.5	3.9	21.9			23.2	155
	04		8.4				8.4	10.3	27.1			30.3	155
	07		5.2				5.2	15.5	37.4			41.3	155
	10		1.3				1.3	1.9	32.9			32.9	155
	13		.6				.6	1.3	25.8			25.8	155
	16		.6				.6	.6	16.8			16.8	155
	19		1.3				1.3	.6	20.0			20.0	155
	22		4.5				4.5	3.9	17.4			19.4	155
TOTALS			3.3				3.3	4.8	24.9			26.2	1240

WEATHER CONDITIONS

5701 WEATHER CONDITIONS JAN 1978

JUN MONTH

73-77 YEARS

93112 SAN DIEGO, CALIFORNIA STATION NAME

STATION

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUN	01		2.0				2.0	7.3	34.0			38.0	150
	04		3.3				3.3	12.7	44.7			51.3	150
	07		5.3				5.3	19.3	58.7			63.3	150
	10							2.7	52.0			52.0	150
	13							.7	32.0			32.7	150
	16							.7	24.0			24.0	150
	19							2.0	24.7			25.3	150
	22		2.0				2.0	3.3	23.3			25.3	150
TOTALS			1.6				1.6	6.1	36.7			39.0	1200

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WEATHER CONDITIONS

5701 WEATHER CONDITIONS JAN 1988

93112 STATION NAME: SAN DIEGO, CALIFORNIA 73-77 YEARS MONTH: JUL

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUL	01		1.9				1.9	3.9	31.6			33.5	155
	04		5.8				5.8	9.0	41.9			46.5	155
	07		4.5				4.5	20.0	60.0			65.8	155
	10		2.6				2.6	8.4	51.6			52.3	155
	13		.6				.6	1.3	32.3			32.3	155
	16		.6				.6	.6	23.2			23.2	155
	19		.6				.6	1.3	21.9			21.9	155
	22							.6	18.1			18.1	155
TOTALS			2.1				2.1	5.6	35.1			36.7	1240

WEATHER CONDITIONS

93112

SAN DIEGO, CALIFORNIA

73-77

AUG

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
AUG	01		1.9				1.9	9.0	31.0			35.5	155
	04		2.6				2.6	15.5	36.1			44.5	155
	07		1.3				1.3	22.6	54.8			64.5	155
	10		.6				.6	5.2	56.8			60.0	155
	13		1.3				1.3	.6	38.7			39.4	155
	16		1.3				1.3		29.0			29.0	155
	19		1.3				1.3	1.3	31.6			32.3	155
	22		.6				.6	3.9	25.8			27.7	155
TOTALS			1.4				1.4	7.3	38.0			41.6	1240

WEATHER CONDITIONS

93112

SAN DIEGO, CALIFORNIA

73-77

SEP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBS TO VISION	TOTAL NO. OF OBS.
SEP	01	.7	2.0				2.0	6.7	34.0			36.7	150
	04		6.0				6.0	14.7	42.7			45.3	150
	07		3.3				3.3	22.7	52.7			59.3	150
	10		1.3				1.3	7.3	48.7			50.7	150
	13		.7				.7	2.0	30.0			30.7	150
	16	.7	1.3				1.3	2.0	21.3			22.7	150
	19		1.3				1.3	4.0	23.3			26.0	150
	22		2.7				2.7	2.0	28.7			29.3	150
TOTALS		.2	2.3				2.3	7.7	35.2			37.6	1200

WEATHER CONDITIONS

93112

SAN DIEGO, CALIFORNIA

73-77

OCT

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
OCT	01		1.9				1.9	22.6	24.5			37.4	155
	04	.6	4.5				4.5	26.5	23.9			38.1	155
	07		3.2				3.2	29.0	34.8			49.7	155
	10		2.6				2.6	2.6	47.7			47.7	155
	13		.6				.6		36.8			36.8	155
	16	.6	1.3				1.3	.6	31.0			31.6	155
	19		.6				.6	4.5	25.2			25.8	155
	22		1.3				1.3	11.6	26.5			31.0	155
TOTALS		.2	2.0				2.0	12.2	31.3			37.3	1240

WEATHER CONDITIONS

NOV
MONTH73-77
YEARSSAN DIEGO, CALIFORNIA
STATION NAME93112
STATIONPERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
NOV	01		3.3				3.3	15.3	19.3			30.0	150
	04		2.0				2.0	18.0	20.0			32.0	150
	07		.7				.7	20.0	18.7			31.3	150
	10		1.3				1.3	7.3	24.7			28.0	150
	13		2.0				2.0	4.0	22.0			24.0	150
	16		.7				.7	1.3	21.3			22.0	150
	19		2.0				2.0	5.3	16.0			19.3	150
	22		2.0				2.0	13.3	22.7			30.7	150
TOTALS			1.8				1.8	10.6	20.6			27.2	1200

WEATHER CONDITIONS

93112 STATION NAME SAN DIEGO, CALIFORNIA 73-77 YEARS MONTH DEC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
DEC	01		4.5				4.5	21.3	26.5			40.6	155
	04		6.5				6.5	21.3	19.4			36.1	155
	07		5.8				5.8	16.1	15.3			29.7	155
	10		3.2				3.2	7.7	24.5			28.4	155
	13		3.9				3.9	1.9	22.6			23.2	155
	16		3.2				3.2	4.5	22.6			25.8	155
	19		.6				.6	9.7	20.6			25.2	155
	22		2.6				2.6	14.2	22.6			29.7	155
TOTALS			3.8				3.8	12.1	22.0			29.8	1240

WEATHER CONDITIONS

93112

SAN DIEGO, CALIFORNIA

73-77

ALL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	ALL		5.2				5.2	5.4	14.1			17.7	1240
FEB			5.2				5.2	7.9	16.1			21.0	1128
MAR		.1	4.4				4.4	3.5	9.4			12.0	1240
APR			2.8				2.8	3.1	12.0			13.7	1200
MAY			3.3				3.3	4.8	24.9			26.2	1240
JUN			1.6				1.6	6.1	36.7			39.0	1200
JUL			2.1				2.1	5.6	35.1			36.7	1240
AUG			1.4				1.4	7.3	38.0			41.6	1240
SEP		.2	2.3				2.3	7.7	35.2			37.6	1200
OCT		.2	2.0				2.0	12.2	31.3			37.3	1240
NOV			1.8				1.8	10.6	20.6			27.2	1200
DEC			3.8				3.8	12.1	22.0			29.8	1240
TOTALS		.0	3.0				3.0	7.2	24.6			28.3	14608

WEATHER CONDITIONS

ATMOSPHERIC PHENOMENA

 93112 STATION
 SAN DIEGO, CALIFORNIA
 45-77 YEARS
 ALL MONTH

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA FROM DAILY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	DAILY	.5	30.8		.1	.8	27.9	29.6	42.6		.1	49.0	992
FEB		.9	29.3		.2	.9	26.8	33.1	44.1		.1	50.7	904
MAR		1.5	31.9		.1	1.3	28.9	23.6	39.8		.1	44.1	992
APR		1.0	29.2			.5	25.7	20.0	35.6		.2	41.1	990
MAY		.3	25.6				22.5	15.9	40.3		.1	41.5	1021
JUN		.3	24.5				21.5	22.7	57.3			59.3	990
JUL		.3	12.3				10.9	22.6	73.0			73.4	1023
AUG		1.0	10.3				9.1	20.6	69.8			70.8	1023
SEP		1.1	15.3				13.4	33.9	68.6			70.2	990
OCT		1.1	16.8			.3	16.5	36.7	61.8			64.4	1022
NOV		.9	22.7			.1	19.9	35.6	50.0		.1	56.0	968
DEC		.7	26.9		.1	.3	23.7	36.9	46.4		.1	54.2	1021
TOTALS		.8	23.1		.0	.3	20.6	27.6	52.7		.1	56.2	11956

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

93112 STATION NAME SAN DIEGO, CALIFORNIA JAN 1973-DEC 1977 YEARS MONTH JANUARY ALL HOURS (L.S.T.)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET "SHOWERS ICE CRYSTALS	SNOW "GRAINS "PELLETS "SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	2.2	2.2	2.2						9.0	2.2	14.6			67.4
NNE		6.7							9.1	9.1	20.0			73.3
NE											9.1			81.8
ENE									8.4		6.0			90.9
E	2.4	4.8	1.2						6.1		6.1			80.7
ESE	10.2	2.0							8.6		11.4			79.6
SE	8.6	2.9							2.8		19.4			71.4
SSE	11.1	3.6							3.3		10.3			63.9
S	1.8	7.0									6.8			80.7
SSW	3.4	10.2							6.7		16.7			81.4
SW		13.3	3.3						4.3					66.7
WSW		4.3	4.3						2.4	2.4	8.3			90.9
W	2.4	1.2	1.2						4.2		13.9			83.3
WNW		1.4							3.1	4.1	23.7			81.9
NW		1.0	1.0						3.8		3.1			70.1
NNW	1.3		1.3											89.9
VARIABLE														
CALM														
TOTAL	24	32	8						56	11	164			969
% TOTAL	1.9	2.6	.6						4.3	.9	13.2			78.1

TOTAL NUMBER OF OBSERVATIONS 1,240

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

93112 STATION NAME SAN DIEGO, CALIFORNIA JAN 1973-DEC 1977 YEARS FEBRUARY MONTH ALL HOURS (L.S.T.)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET "SHOWERS ICE CRYSTALS	SNOW "GRAINS "PELLETS "SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N									14.0	4.7	19.8			67.4
NNE									12.5		12.5			75.0
NE											11.1			88.9
ENE	6.7	6.7							13.3		26.7			53.3
E		3.1							9.2	1.5	23.1			73.8
ESE	7.3	3.6	3.6						7.3		16.4			67.3
SE	8.8	2.9	2.9						17.6		26.5			58.8
SSE	3.3	10.0	3.3						6.7		20.0			63.3
S	6.7	8.7	1.4						4.3	1.4	10.1			69.6
SSW	3.0	12.1							6.1		9.1			75.8
SW	3.6	10.7									3.6			82.1
WSW	3.3	6.7							13.3		6.7			80.0
W	1.1	1.1	1.1						1.1	1.1	11.6			83.2
WNW		1.2							1.2	1.2	17.6			80.0
NW	.9	.9	.9						3.6		17.3			78.2
NNW		2.2							6.7		17.8			76.7
VARIABLE														
CALM	.4	.7	.4						7.6	1.5	15.2			76.7
TOTAL	21	31	8						77	12	179			845
% TOTAL	1.9	2.7	.7						6.8	1.1	13.9			74.9

TOTAL NUMBER OF OBSERVATIONS 1,128

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

STATION 93112 SAN DIEGO, CALIFORNIA STATION NAME JAN 1973-DEC 1977 YEARS MONTH MARCH ALL HOURS (L.S.T.)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET "SHOWERS ICE CRYSTALS	SNOW "GRAINS "PELLETS "SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N									3.3	1.6	8.2			88.5
NNE									5.0		5.0			90.0
NE									66.7		33.3			33.3
ENE									12.5					87.5
E		1.6							3.3		4.9			91.8
ESE		3.6							3.6		16.1			78.6
SE	6.7	3.3							3.3	3.3	10.0			76.7
SSE	7.3	9.1							7.3		14.5			67.3
S	4.1	3.1	3.1						7.1		12.2			73.5
SSW	3.1	1.5							1.5		3.1			92.3
SW	4.5	2.3						1.9	2.3					90.9
WSW	3.8	5.7									3.7			84.9
W	.6	2.9	.6						.6		4.6			91.3
WNW		3.7									9.9			86.3
NW		1.0							1.0		13.0			83.0
NNW		2.9							3.9		13.2			77.9
VARIABLE														
CALM									6.0		12.0			81.5
TOTAL	18	33	4					1	41	2	117			1040
% TOTAL	1.5	2.7	.3					.1	3.3	.2	9.4			83.9

TOTAL NUMBER OF OBSERVATIONS 1,240

PERCENTAGE FREQUENCY OF WIND DIRECTION
VS. WEATHER CONDITIONS

93112 STATION SAN DIEGO, CALIFORNIA JAN 1973-DEC 1977 YEARS APRIL MONTH ALL HOURS (L.S.T.)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET " SHOWERS ICE CRYSTALS	SNOW " GRAINS " PELLETS " SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N		2.0							14.3	2.0	18.4			69.4
NNE									7.1		21.4			78.6
NE											20.0			80.0
ENE		20.0												80.0
E	2.9	11.4								2.9	11.4			74.3
ESE	16.7									3.3				80.0
SE	4.5								18.2		13.6			68.2
SSE	3.6	3.6								3.6	3.6			85.7
S	2.2	1.1	2.2						5.4	1.1	16.3			75.0
SSW	3.2	1.1							4.2		18.9			75.8
SW		4.8							1.6		16.1			79.0
WSW											7.9			92.1
W		.6							1.2		11.2			87.1
WNW		1.3	.6								9.6			88.5
NW	.9	.9									8.8			89.4
NNW	1.3								1.3		7.6			89.4
VARIABLE														
CALM									2.4	1.8	14.3			83.9
TOTAL	15	16	3						29	8	144			1002
% TOTAL	1.3	1.3	.3						2.4	.7	12.0			83.5

TOTAL NUMBER OF OBSERVATIONS 1,200

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

93112 STATION NAME SAN DIEGO, CALIFORNIA JAN 1973-DEC 1977 YEARS MONTH MAY ALL HOURS (L.S.T.)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET " SHOWERS ICE CRYSTALS	SNOW " GRAINS " PELLETS " SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N									16.7		44.4			55.6
NNE									9.1		18.2			81.8
NE			33.3											66.7
ENE														100.0
E		9.1							9.1		9.1			81.8
ESE									9.1		27.3			63.6
SE	5.9								5.9		17.6			76.5
SSE			1.9						7.3		32.1			62.3
S	.7	.7	2.1						7.0	.7	23.8			70.6
SSW		.7	1.3						3.9		21.7			75.0
SW		.9	3.6						2.7		24.1			72.3
WSW			3.3						1.7		20.0			78.3
W		.5	3.3						1.9		21.8			74.9
WNW			3.3						2.0		30.3			68.4
NW			4.3						3.3		29.3			69.6
NNW									12.8		36.2			63.8
VARIABLE														
CALM	1.2	1.2	1.2						11.6		24.4			69.8
TOTAL	3	6	32						58	1	309			690
% TOTAL	.2	.5	2.6						4.7	.1	24.9			71.8

TOTAL NUMBER OF OBSERVATIONS 1,240

PERCENTAGE FREQUENCY OF WIND DIRECTION
VS. WEATHER CONDITIONS

93112 STATION NAME SAN DIEGO, CALIFORNIA JAN 1973-DEC 1977 YEARS MONTH JUNE ALL HOURS (L.S.T.)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET " SHOWERS ICE CRYSTALS	SNOW " GRAINS " PELLETS " SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N									17.4		43.5			54.3
NNE									10.0		30.0			70.0
NE									33.3		33.3			33.3
ENE											50.0			50.0
E														100.0
ESE			20.0						20.0		60.0			40.0
SE									6.3		25.0			75.0
SSE	3.1		9.4								43.8			46.9
S			3.3						9.2	.8	40.0			56.7
SSW			.7						5.0		33.8			64.0
SW			1.9						1.9		30.8			67.3
WSW			1.1						4.4		29.7			67.0
W			1.1						.5	.5	31.5			67.4
WNW			1.1						6.3		37.5			60.2
NW			.6						3.7		40.4			58.4
NNW			1.3						6.6		42.1			55.3
VARIABLE														
CALM									18.3		40.0			40.4
TOTAL	1	1	17						71	2	439			726
% TOTAL	.1	.1	1.4						5.9	.2	36.6			60.5

TOTAL NUMBER OF OBSERVATIONS 1,200

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

93112 STATION NAME SAN DIEGO, CALIFORNIA JAN 1973-DEC 1977 MONTH JULY ALL HOURS (L.S.T.)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET "SHOWERS" ICE "CRYSTALS"	SNOW "GRAINS" "PELLETS" "SHOWERS"	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N			2.9						11.4		31.4			65.7
NNE		12.5							12.5		62.5			25.0
NE											33.3			66.7
ENE														100.0
E														100.0
ESE											20.0			80.0
SE			10.0								20.0			70.0
SSE			7.1					14.3			32.1			60.7
S			2.3					14.3			41.4			53.1
SSW	.6	1.2	.6					7.4			44.2			54.6
SW			1.1					4.3			40.2			58.7
WSW		1.7						3.3			25.0			71.7
W		1.1	.6					2.8		.6	31.8			69.4
WNW			2.1								27.9			70.0
NW	.6		1.8					4.2		.6	32.5			65.7
NNW								1.4			31.1			68.9
VARIABLE														
CALM			1.0						4.2	1.0	43.3			52.6
TOTAL	1	7	18						67	3	435			772
% TOTAL	.1	.6	1.5						9.4	.2	35.1			62.3

TOTAL NUMBER OF OBSERVATIONS 1,240

PERCENTAGE FREQUENCY OF WIND DIRECTION
VS. WEATHER CONDITIONS

93112 STATION SAN DIEGO, CALIFORNIA STATION NAME JAN 1973-DEC 1977 YEARS AUGUST MONTH ALL HOURS (L.S.T.)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET " SHOWERS ICE CRYSTALS	SNOW " GRAINS " PELLETS " SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	2.4								19.3	1.2	39.8			49.4
NNE											61.5			38.5
NE														100.0
ENE											66.7			33.3
E											28.6			71.4
ESE														100.0
SE			12.5						25.0		25.0			62.5
SSE	2.9		8.6						20.0		37.1			51.4
S	1.3	1.3	1.3						19.2		37.2			46.2
SSW									7.2		48.6			46.8
SW		2.3	2.3						7.0		39.5			51.2
WSW									3.0		42.4			54.5
W	.6								1.8		37.8			61.6
WNW									.9		36.4			63.6
NW									.8		31.5			67.6
NNW	1.7								14.8	.9	36.5			54.8
VARIABLE														
CALM	1.1		1.1						18.2		40.7			51.8
TOTAL	8	2	7						88	2	468			716
% TOTAL	.6	.2	.6						7.1	.2	37.8			57.8

TOTAL NUMBER OF OBSERVATIONS

1,239

PERCENTAGE FREQUENCY OF WIND DIRECTION
VS. WEATHER CONDITIONS

93112 STATION 93112 SAN DIEGO, CALIFORNIA JAN 1973-DEC 1977 YEARS MONTH SEPTEMBER ALL HOURS (L.S.T.)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET "SHOWERS ICE CRYSTALS	SNOW "GRAINS "PELLETS "SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N		1.3							16.7	1.3	41.0			52.6
NNE	11.1								22.2		33.3			33.3
NE									20.0		80.0			20.0
ENE														
E									25.0		50.0			50.0
ESE								14.3			42.9			57.1
SE			11.1						22.2		66.7			33.3
SSE		2.6	5.1						20.5	5.1	46.2			41.0
S	3.6								15.5	1.2	48.8			46.4
SSW			2.6						6.6		28.9			68.4
SW	2.2		2.2						8.9		24.4			71.1
WSW									4.9		34.1			63.4
W		.7	3.0					.7	5.2		34.1			63.0
WNW	.5	1.1	2.2						2.7	.5	33.0			63.8
NW									3.2	.9	35.5			63.6
NNW	.8								5.9		32.2			65.3
VARIABLE														
CALM		.7	.7						6.1	1.4	28.4			60.9
TOTAL	7	6	15					2	83	9	420			739
% TOTAL	.6	.5	1.3					.2	6.9	.8	35.0			61.6

TOTAL NUMBER OF OBSERVATIONS 1,200

PERCENTAGE FREQUENCY OF WIND DIRECTION
VS. WEATHER CONDITIONS

03112 STATION NAME SAN DIEGO, CALIFORNIA JAN 1973-DEC 1977 YEARS MONTH OCTOBER ALL HOURS (L.S.T.)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET " SHOWERS ICE CRYSTALS	SNOW " GRAINS " PELLETS " SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	1.0	1.0							21.0	1.0	31.0			51.0
NNE									42.9		19.0			47.6
NE									33.3		16.7			66.7
ENE		14.3									28.6			57.1
E		5.4							5.4		13.5			81.1
ESE			7.7						19.2	3.8	23.1			65.4
SE									29.4		23.5			64.7
SSE	3.6								10.7		39.3			53.6
S		1.8							8.9		28.6			67.9
SSW		1.6						1.6	9.4		42.2			51.6
SW	5.0	10.0							5.0		25.0			65.0
WSW		2.4	2.4						2.4		31.7			63.4
W	.8	.8						.8	5.0		30.0			68.3
WNW	.7	.7							.7		27.8			71.5
NW									4.8		44.1			53.8
NNW		1.0	1.0						18.6		32.4			53.3
VARIABLE														
CALM		1.6							10.4	1.6	26.0			64.0
TOTAL	5	16	4					2	145	6	385			762
% TOTAL	.4	1.3	.3					.2	11.7	.5	31.0			61.5

TOTAL NUMBER OF OBSERVATIONS 1,240

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

JAN 1973-DEC 1977
PERIOD

NOVEMBER
MONTH

ALL
DATA

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIR SMALL HAIR	THUNDER	FOG	ICE FOG GROUND FOG	WAVE HEAT	BLUING KNOW	BLUING KNOW (ALL)	NO WEATHER
N									20.0	2.4	21.2			23.2
NNE									16.7		16.7			77.0
NE											30.0			70.0
ENE										13.4	13.4			33.8
E										3.4	13.0			67.8
ESE	3.0										21.2			73.8
SE	3.7										18.9			70.0
SSE	3.8	3.8	11.3								23.1			61.8
S	2.3	1.3									28.8			60.8
SSW											17.0			81.1
SW		4.3									17.4			78.3
WSW		3.9	2.9								11.8			79.9
W	1.4	1.4	1.4								10.4			76.7
WNW	2.3	1.1								1.1	19.9			76.1
NW										1.0	21.6			71.6
NNW											21.8			69.1
VARIABLE														
CALM														
TOTAL	9	7	5											868
% TOTAL	.8	.6	.4											72.1

TOTAL NUMBER OF OBSERVATIONS

1,200

NAVWEASERVCOM

PERCENTAGE FREQUENCY OF WIND DIRECTION
VS. WEATHER CONDITIONS

93112 STATION NAME SAN DIEGO, CALIFORNIA JAN 1973-DEC 1977 YEARS MONTH DECEMBER ALL HOURS (L.S.T.)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET " SHOWERS ICE CRYSTALS	SNOW " GRAINS " PELLETS " SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N		1.3							16.0		26.7			65.3
NNE	3.2								12.9	3.2	25.8			67.7
NE									9.1		18.2			81.8
ENE									5.6		33.3			66.7
E			2.2						13.2	2.2	18.7			71.4
ESE	7.4	1.5	2.9						11.8	4.4	14.7			63.2
SE	12.1		3.0						18.2		18.2			57.6
SSE	6.3								18.8	3.1	25.0			53.1
S	5.1	1.7	3.4						15.3		13.6			67.8
SSW	3.6	3.6							7.3		14.5			74.5
SW	9.5	9.5									9.5			71.4
WSW	4.0	4.0									16.0			76.0
W	1.5								4.6	1.5	24.6			72.3
WNW		1.4							4.2		26.8			66.2
NW									2.1	3.1	18.8			79.2
NNW									11.1	3.7	30.9			61.7
VARIABLE														
CALM	1.2	1.7	1.3						10.5	3.2	22.5			66.2
TOTAL	26	12	9						123	27	269			840
% TOTAL	2.1	1.0	.7						9.9	2.2	21.7			67.7

TOTAL NUMBER OF OBSERVATIONS

1,240

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

93112 STATION SAN DIEGO, CALIFORNIA JAN 1973-DEC 1977 YEARS MONTH ALL HOURS (L.S.T.) ALL

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET "SHOWERS ICE CRYSTALS	SNOW "GRAINS "PELLETS "SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	.6	.7	.4						15.3	1.6	27.0			62.1
NNE	1.0	1.0							13.4	.3	23.7			66.5
NE			1.4						11.3	1.4	22.5			70.4
ENE	1.1	3.2							7.4	2.1	20.0			69.5
E	.7	3.1	.7						8.3	1.3	14.3			77.0
ESE	3.8	1.7	2.0					.3	7.5	1.4	15.6			71.4
SE	3.8	1.2	1.9						13.6	.4	19.8			66.7
SSE	3.8	3.1	3.6						10.7	.9	28.0			59.2
S	2.2	1.8	1.8						9.9	.3	27.4			63.9
SSW	1.0	1.7	.6					.1	5.3		28.1			67.4
SW	1.2	3.1	1.6					.2	3.7		23.6			70.3
WSW	.6	1.7	1.3					.1	2.8		19.9			75.9
W	.3	.8	1.1						2.4	.4	22.9			74.1
WNW	.2	.9	.9						2.0	.2	25.6			71.9
NW	.1	.3	.6						2.7	.7	29.0			68.7
NNW	.6	.5	.3						8.8	.4	26.1			67.8
VARIABLE														
CALM	.4	.7	.3						0.1	1.4	21.8			71.0
TOTAL	138	169	130					5	949	99	3565			10166
% TOTAL	.9	1.2	.9					.0	6.5	.7	24.4			69.6

TOTAL NUMBER OF OBSERVATIONS 14,607

PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

This portion of the Uniform Summary presents in two sets of tables, the daily amounts and extreme values of the following:

PRECIPITATION	DERIVED FROM DAILY OBSERVATIONS
SNOWFALL*	DERIVED FROM DAILY OBSERVATIONS
SNOW DEPTH	DERIVED FROM DAILY OBSERVATIONS

1. The first table for each of the above presents the percentage frequency of various daily amounts, by month and annual, all years combined. The percentage of days with measurable amounts is also computed monthly and annually. Also shown for the precipitation and snowfall tables, are the monthly mean amounts, annual mean amounts (sum of monthly mean amounts), and the extreme monthly amounts (greatest and least). The latter statistics above are not presented for the snow depth summary since they would have limited use and may be misleading.
2. The second set of tables for each of the above presents the extreme daily amounts by individual year and month for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months). The extremes for a month are not printed nor used in computations if one or more observations are missing.

NOTE: Snow depth was recorded and punched at various hours during the period available from U. S. operated stations. The periods and hours used in the snow depth summary vary by service and period as follows:

Air Force Stations	From beginning of record thru 1945	Snow depth at 0800 LST
	Jan 46-May 57	Snow depth at 1230 GCT
	Jun 57-present	Snow depth at 1200 GCT
U. S. Navy and Weather Bureau Stations	From beginning of record thru Jun 52	Snow depth at 0030 GCT
	Jul 52-May 57	Snow depth at 1230 GCT
	Jun 57-present	Snow depth at 1200 GCT

* Hail was included in snowfall occurrence in the summary of the day observation prior to Jan 1956,

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
PRECIPITATION
(FROM DAILY OBSERVATIONS)

STATION 93112 SAN DIEGO, CALIFORNIA STATION NAME 45-77 YEARS

AMOUNTS (INCHES)																PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
PRECIP.	NONE	TRACE	.01	.02-.05	.06-.10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00	MEAN	GREATEST			LEAST		
											10.5-15.4	15.5-25.4	25.5-50.4						61-120	OVER 120
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	61-120	OVER 120						
SNOW- DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120							
JAN	72.9	7.6	2.0	4.4	2.2	4.4	3.4	1.9	1.2						19.5	961	1.61	5.05	TRACE	
FEB	73.2	10.0	1.3	3.4	2.9	4.3	2.2	1.8	.9						16.8	904	1.23	5.25	TRACE	
MAR	71.1	11.0	1.4	3.5	3.2	4.7	2.6	1.9	.5						17.9	992	1.29	4.28	TRACE	
APR	74.3	13.3	1.7	3.5	1.8	2.1	2.0	1.0	.1						12.3	990	.65	2.93	TRACE	
MAY	77.5	15.5	1.8	2.0	1.2	1.4	.3	.1	.1						7.0	992	.21	1.27	TRACE	
JUN	78.5	18.1	.8	1.8	.4	.3	.1								3.4	990	.05	.39	TRACE	
JUL	89.1	10.0	.4	.5											.9	1023	.01	.07	.00	
AUG	90.9	8.2	.2	.2	.1			.2	.2						.9	1023	.13	1.97	.00	
SEP	86.6	10.3	.6	.9	.7	.4	.4		.1						3.1	990	.13	1.40	.00	
OCT	83.5	10.0	.9	2.4	.8	1.2	.7	.5							6.6	992	.30	2.49	TRACE	
NOV	79.7	5.8	1.4	2.8	2.0	3.8	2.5	1.4	.6						14.5	930	1.08	5.74	.00	
DEC	76.1	7.2	1.0	3.0	2.4	4.6	3.2	1.8	.7						16.8	961	1.37	5.59	.03	
ANNUAL	79.4	10.6	1.1	2.4	1.5	2.3	1.4	.9	.4						10.0	11748	8.06			

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOWFALL
(FROM DAILY OBSERVATIONS)

93112 STATION SAN DIEGO, CALIFORNIA 45-77 YEARS

5722 Daily Amounts Jan 1969

	AMOUNTS (INCHES)												PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
	PRECIP.	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	50.5-100.4	100.5-200.4	OVER 200.4	
SNOWFALL	NONE	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120			
JAN	99.9		.1														961TRACE .0
FEB	99.8		.2														876TRACE .0
MAR	99.9		.1														992TRACE .0
APR	100.0																900 .0 .0 .0
MAY	100.0																899 .0 .0 .0
JUN	100.0																960 .0 .0 .0
JUL	100.0																1023 .0 .0 .0
AUG	100.0																1023 .0 .0 .0
SEP	100.0																990 .0 .0 .0
OCT	100.0																961 .0 .0 .0
NOV	100.0																900 .0 .0 .0
DEC	99.8		.2														961TRACE .0
ANNUAL	99.9		.0														11446 .0

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOW DEPTH
(FROM DAILY OBSERVATIONS)

STATION 93112 SAN DIEGO, CALIFORNIA 48-77 YEARS

STATION NAME

PRECIP.	NONE	TRACE	AMOUNTS (INCHES)												PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
			.01	.02-.05	.06-.10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00	MEAN			GREATEST	LEAST	
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4						
SNOW- DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120						
JAN	100.0														868				
FEB	100.0														819				
MAR	100.0														899				
APR	100.0														840				
MAY	100.0														868				
JUN	100.0														900				
JUL	100.0														868				
AUG	100.0														868				
SEP	100.0														870				
OCT	100.0														899				
NOV	100.0														810				
DEC	100.0														868				
ANNUAL	100.0														10377				

EXTREME VALUES

PRECIPITATION (FROM DAILY OBSERVATIONS)

45-77

93112 SAN DIEGO, CALIFORNIA
STATION NAME

YEARS

24 HOUR AMOUNTS IN INCHES

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
45	.90	.40	.63	.04	.01	.06	TRACE	.83	.01	TRACE	.40	.31	.90
46	.71	.30	.20	.32	.01	TRACE	TRACE	TRACE	TRACE	.20	.71	.31	.90
47	TRACE	.75	.49	.08	.60	.03	TRACE	.00	.09	.02	1.10	1.08	1.10
48	TRACE	.75	.49	.09	.01	TRACE	TRACE	.00	TRACE		.02	.63	
49	1.81	.31	.13	.04	.11	TRACE	TRACE	TRACE	.00	.19	.76	.32	
50	.44	1.02	.25	.01	TRACE	TRACE	TRACE	TRACE	TRACE	TRACE			
51	1.09	.07	.57	.56	TRACE	TRACE	TRACE	1.47	.04	.61	.43	2.16	2.16
52	.27	.28	1.65	.77	TRACE	.02	TRACE	TRACE	TRACE	TRACE	.54	.91	1.65
53	1.08	.08	1.41	.23	.07	.03	TRACE	TRACE	TRACE	.01	.50	.03	1.41
54	1.05	.19	.17	.46	.21	TRACE	.03	TRACE	TRACE	TRACE	.53	.26	1.05
55	1.13	.12	TRACE	.51	.09	TRACE	.00	TRACE	TRACE	.46	.00	.09	1.13
56	1.12	.33	.22	.41	.46	.14	TRACE	.00	.11	.72	.55	.43	1.12
57	.55	1.53	1.29	.88	.45	TRACE	TRACE	.02	.23	.09	.34	.08	1.53
58	.22	1.72	TRACE	.15	TRACE	.01	TRACE	TRACE	.01	.10	TRACE	.95	1.72
59	1.15	.71	.14	.49	.17	TRACE	TRACE	.00	.07	.03	.59	.14	1.15
60	1.00	.03	.62	TRACE	TRACE	.01	TRACE	.02	TRACE	.40	.36	.67	1.00
61	1.06	1.04	.33	TRACE	.23	.04	TRACE	TRACE	TRACE	.02	.05	.14	1.06
62	.08	.70	.61	.43	.05	.18	TRACE	TRACE	.44	.11	1.47	.11	1.47
63	1.06	.23	.45	.05	.19	.06	TRACE	TRACE	.00	TRACE	.23	.81	1.06
64	.14	.35	.99	1.07	TRACE	TRACE	.01	TRACE	.09	TRACE	1.62	1.24	1.62
65	.79	.81	.10	.01	TRACE	TRACE	TRACE	.00	TRACE	.58	.64	1.64	1.64
66	1.45	TRACE	.45	.52	.02	.12	.01	TRACE	.06	TRACE	1.31	1.08	1.45
67	.18	.23	1.29	.30	TRACE	.03	.05	TRACE	.01	.03	.22	.34	1.29
68	2.04	1.14	.38	.11	.05	.02	.02	TRACE	.02	.07	.38	.31	2.04
69	.32	1.21	.69	.04	TRACE	TRACE	TRACE	.00	.00	.07	.82	.77	1.21
70	.16	.68	.17	.76	.27	.01	TRACE	TRACE	TRACE	.64	.04	.68	.76
71	.05	.13	TRACE	.05	.06	.32	.00	.01	.33	.20	.88	.37	.88
72	.35	.50	.58	.02	.01	TRACE	TRACE	TRACE	.02	.04	.49	.11	.58
73	.86	.05	.76	.02	TRACE	.06	.01	TRACE	TRACE	.54	.15	1.13	1.13
74													
MEAN													
S. D.													
TOTAL OBS.													

NAVWEASERVCOM

5723 Extreme Values Jan 1969

EXTREME VALUES

PRECIPITATION

(FROM DAILY OBSERVATIONS)

93112

SAN DIEGO, CALIFORNIA

45-77

STATION

STATION NAME

YEARS

24 HOUR AMOUNTS IN INCHES

[illegible]

PRECIPITATION
(FROM DAILY OBSERVATIONS)

45-77

SAN DIEGO, CALIFORNIA

STATION NAME

YEARS

24 HOUR AMOUNTS IN INCHES
/BASED ON LESS THAN FULL MONTHS/

[illegible]

NAVWEASERVCOM

5723 Extreme Values Jan 1969

196903

EXTREME VALUES

SNOWFALL

(FROM DAILY OBSERVATIONS)

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

45-77

YEARS

24 HOUR AMOUNTS IN INCHES

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
45	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
46	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
47	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
49	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
50	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
51	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
52	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
53	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
54	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
55	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
56	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
57	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
58	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
59	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
61	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
62	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
63	.0	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
64	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
65	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
66	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
67	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
68	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
69	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
71	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
72	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
73	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
74	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
MEAN													
S. D.													
TOTAL OBS.													

NAVWEASERVCOM

5723 Extreme Values Jan 1969

SNOWFALL
(FROM DAILY OBSERVATIONS)

45-77

SAN DIEGO, CALIFORNIA

STATION NAME

STATION

YEARS

24 HOUR AMOUNTS IN INCHES

[illegible]

NAVWEASERVCOM

(FROM DAILY OBSERVATIONS)

YEARS

24 HOUR AMOUNTS IN INCHES
/BASED ON LESS THAN FULL MONTHS/

[illegible]

EXTREME VALUES

SNOW DEPTH
(FROM DAILY OBSERVATIONS)

48-77

SAN DIEGO, CALIFORNIA

93112

STATION NAME

YEARS

DAILY SNOW DEPTH IN INCHES

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
45													
46													
47													
48													
49													
50													
51													
52													
53													
54													
55													
56													
57													
58													
59													
60													
61													
62													
63													
64													
65													
66													
67													
68													
69													
70													
71													
72													
73													
74													
MEAN													
S. D.													
TOTAL OBS.													

FROM DAILY OBSERVATIONS)

YEARS

STATION
93112

SAN DIEGO, CALIFORNIA

STATION NAME	STATION NO.	STATION TYPE	STATION CLASS	STATION CODE	STATION NAME	STATION NO.	STATION TYPE	STATION CLASS	STATION CODE
STATION NAME	STATION NO.	STATION TYPE	STATION CLASS	STATION CODE	STATION NAME	STATION NO.	STATION TYPE	STATION CLASS	STATION CODE

5723 Extreme Values Jan 1969

NAVWEASERVCOM

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

1946-1977

YEARS

JANUARY
MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	0.24	6	1955			
2	0.16	4	1971*			
3	0.90	23	1946			
4	0.86	22	1974			
5	0.43	11	1957			
6	1.26	32	1977			
7	1.12	28	1957			
8	0.31	8	1974*			
9	0.35	9	1973			
10	1.05	27	1955	T	T	1949
11	0.31	8	1949			
12	1.15	29	1960			
13	0.86	22	1952			
14	2.04	52	1969			
15	0.24	6	1960			
16	0.59	15	1952			
17	0.91	23	1952			
18	1.09	28	1952			
19	0.41	10	1954			
20	1.06	27	1962			
21	1.06	27	1964			
22	1.45	37	1967			
23	0.13	3	1956			
24	0.66	17	1969			
25	0.87	22	1969			
26	1.00	25	1961			
27	1.13	29	1956			
28	0.71	18	1947			
29	1.81	46	1950			
30	0.79	20	1966			
31	0.30	8	1956			
Monthly	2.04	52	1969	T	T	1949

FEBRUARY
MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	0.71	18	1960			
2	0.19	5	1960			
3	1.53	39	1958			
4	0.79	20	1958			
5	0.75	19	1948			
6	1.14	29	1969			
7	0.59	15	1976			
8	1.59	40	1976			
9	0.70	18	1963			
10	1.11	28	1976			
11	1.72	44	1959	T	T	1959
12	0.22	6	1959			
13	0.23	6	1968			
14	0.08	2	1975*			
15	0.14	4	1962	T	T	1973
16	0.96	24	1959			
17	0.68	17	1971			
18	0.41	10	1969			
19	1.04	26	1962			
20	0.35	9	1962			
21	0.79	20	1959			
22	0.88	22	1969			
23	0.33	8	1957			
24	0.13	3	1969*			
25	0.81	21	1969			
26	0.59	15	1951			
27	0.18	5	1955			
28	1.21	31	1970			
29	0.35	9	1960			
30						
31						
Monthly	1.72	44	1959	T	T	1973*

* ALSO ON EARLIER YEARS

T - TRACE, AN AMOUNT TOO SMALL TO MEASURE

BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

DIRNAVOCEANMET-SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY EXTREME AMOUNTS

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

1946-1977

YEARS

MARCH
MONTH

APRIL
MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	0.75	19	1953			
2	0.31	8	1970			
3	0.11	3	1976			
4	0.69	18	1970			
5	0.23	6	1975			
6	1.19	30	1975			
7	1.65	42	1952			
8	1.29	33	1968			
9	0.20	5	1948			
10	0.61	15	1975			
11	0.99	25	1965			
12	0.26	7	1952			
13	0.34	9	1967			
14	0.40	10	1967			
15	0.64	16	1952			
16	1.29	33	1958			
17	0.61	15	1963	T	T	1963
18	0.33	8	1962			
19	0.20	5	1957			
20	0.50	13	1973*			
21	0.69	18	1954			
22	1.41	36	1954			
23	0.61	15	1954			
24	0.45	11	1954			
25	0.53	13	1977			
26	0.05	1	1973			
27	0.41	10	1958			
28	0.25	6	1958			
29	0.14	4	1946			
30	0.63	16	1946			
31	0.45	11	1967*			
Monthly	1.65	42	1952	T	T	1963

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	0.88	22	1958			
2	0.32	8	1946			
3	0.41	10	1958			
4	0.68	17	1976			
5	0.11	3	1969			
6	0.24	6	1975			
7	0.54	14	1958			
8	1.07	27	1965			
9	0.48	12	1975			
10	0.77	20	1952			
11	0.52	13	1967			
12	0.51	13	1956			
13	0.82	21	1976			
14	0.76	19	1971			
15	0.14	4	1976			
16	0.02	1	1970			
17	0.30	8	1963			
18	0.41	10	1957			
19	0.20	5	1967			
20	0.38	10	1957			
21	0.39	10	1967			
22	0.29	7	1955			
23	0.12	3	1960			
24	0.17	4	1967			
25	0.56	14	1951			
26	0.43	11	1963			
27	0.49	12	1960			
28	0.08	2	1951			
29	0.08	2	1948			
30	0.46	12	1955			
31						
Monthly	1.07	27	1965			

* ALSO ON EARLIER YEARS

T - TRACE, AN AMOUNT TOO SMALL TO MEASURE

BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

DIRNAVOCEANMET-SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY EXTREME AMOUNTS

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

1945-1977
YEARS

MAY
MONTH

JUNE
MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	0.21	5	1955			
2	0.14	4	1955			
3	0.17	4	1960			
4	0.08	2	1960			
5	0.04	1	1969			
6	0.19	5	1964			
7	0.27	7	1971			
8	1.02	26	1977			
9	0.09	2	1956			
10	0.14	4	1957			
11	0.46	12	1957			
12	0.16	4	1958			
13	0.05	1	1947			
14	0.23	6	1962			
15	0.07	2	1953			
16	0.06	2	1962			
17	0.11	3	1949			
18	0.07	2	1949			
19	0.07	2	1957			
20	0.06	2	1972			
21	0.07	2	1957			
22	0.60	15	1947			
23	0.02	1	1967			
24	0.02	1	1977*			
25	0.18	5	1962			
26	0.01		1947			
27	0.13	3	1962			
28	0.17	4	1971			
29	0.01		1971*			
30	0.03	1	1955			
31	0.05	1	1963			
Monthly	1.02	26	1977			

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	T	T	1964*			
2	T	T	1976*			
3	0.02	1	1952			
4	0.02	1	1945			
5	0.06	2	1945			
6	T	T	1975*			
7	0.06	2	1974			
8	0.04	1	1974			
9	0.09	2	1957			
10	0.14	4	1957			
11	0.18	5	1963			
12	0.12	3	1967			
13	0.01		1967*			
14	T	T	1973*			
15	0.04	1	1962			
16	T	T	1975*			
17	T	T	1975*			
18	0.02	1	1975			
19	0.03	1	1947			
20	0.32	8	1972			
21	T	T	1969*			
22	T	T	1972*			
23	T	T	1969*			
24	T	T	1977*			
25	T	T	1968*			
26	T	T	1968*			
27	T	T	1969*			
28	0.01		1959			
29	0.03	1	1968			
30	0.01		1972			
31						
Monthly	0.32	8	1972			

* ALSO ON EARLIER YEARS

T - TRACE, AN AMOUNT TOO SMALL TO MEASURE

BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

DIRNAVOCEANMET-SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY EXTREME AMOUNTS

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

1945-1977

YEARS

JULY
MONTH

AUGUST
MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	T	T	1950*			
2	T	T	1970*			
3	T	T	1977*			
4	T	T	1977*			
5	T	T	1973			
6	0.02	1	1968			
7	T	T	1968*			
8	T	T	1973*			
9	T	T	1973*			
10	T	T	1974*			
11	0.02	1	1969			
12	0.02	1	1954			
13	T	T	1976*			
14	T	T	1974*			
15	T	T	1964			
16	T	T	1976*			
17	T	T	1976*			
18	T	T	1976*			
19	0.03	1	1955			
20	T	T	1952*			
21	T	T	1976*			
22	T	T	1975*			
23	T	T	1954			
24	0.01	T	1954			
25	T	T	1963*			
26	0.01	T	1967			
27	T	T	1975*			
28	0.05	1	1968			
29	0.01		1974*			
30	T	T	1974*			
31	T	T	1958*			
Monthly	0.05	1	1968			

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	T	T	1977*			
2	T	T	1971*			
3	T	T	1969*			
4	0.02	1	1961			
5	T	T	1969*			
6	T	T	1972*			
7	T	T	1967*			
8	T	T	1974*			
9	T	T	1973*			
10	T	T	1973*			
11	T	T	1945			
12	T	T	1972			
13						
14	0.02	1	1958			
15	T	T	1977*			
16	1.30	33	1977			
17	0.67	17	1977			
18	0.83	21	1945			
19	T	T	1965*			
20	T	T	1973*			
21	T	T	1945			
22	T	T	1959*			
23						
24	T	T	1972*			
25	T	T	1972*			
26	T	T	1959*			
27	T	T	1954			
28	1.47	37	1951			
29	0.06	2	1951			
30	T	T	1976*			
31	T	T	1967*			
Monthly	1.47	37	1951			

* ALSO ON EARLIER YEARS

T - TRACE, AN AMOUNT TOO SMALL TO MEASURE

BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

DIRNAVOCEANMET-SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY EXTREME AMOUNTS

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

1945-1977

YEARS

SEPTEMBER
MONTH

OCTOBER
MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	T	T	1950			
2	T	T	1974*			
3	0.06	2	1963			
4	0.44	11	1963			
5	0.02	1	1972			
6	0.33	8	1972			
7	0.11	3	1957			
8	0.01		1945			
9	0.12	3	1976			
10	1.22	31	1976			
11	0.02	1	1976			
12	T	T	1975*			
13	T	T	1975*			
14	T	T	1976*			
15	T	T	1969*			
16	0.02	1	1965			
17	0.42	11	1963			
18	0.42	11	1963			
19	0.06	2	1963			
20	T	T	1969*			
21	0.08	2	1947			
22	0.01		1945			
23	0.23	6	1958			
24	0.21	5	1958			
25	T	T	1976*			
26	T	T	1977*			
27	T	T	1966*			
28	0.04	1	1951			
29	0.06	2	1967			
30	0.01		1968*			
31						
Monthly	1.22	31	1976			

DIRNAVOCEANMET-SMOS

* ALSO ON EARLIER YEARS

T - TRACE, AN AMOUNT TOO SMALL TO MEASURE

BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	0.01		1959			
2	0.10	3	1976			
3	0.07	2	1970			
4	T	T	1966*			
5	0.19	5	1977			
6	0.43	11	1977			
7	0.02	1	1975			
8	0.40	10	1961			
9	0.04	1	1973			
10	0.58	15	1966			
11	0.39	10	1957			
12	0.17	4	1957			
13	0.45	11	1957			
14	0.72	18	1957			
15	0.04	1	1957			
16	0.64	16	1971			
17	0.44	11	1971			
18	0.66	17	1948			
19	0.19	5	1949			
20	0.04	1	1972*			
21	0.21	5	1976			
22	0.07	2	1976			
23	0.03	1	1960*			
24	0.09	2	1958			
25	0.61	15	1951			
26	0.01		1972*			
27	0.14	4	1946			
28	0.46	12	1956			
29	0.54	14	1974			
30	0.43	11	1957			
31	0.23	6	1957			
Monthly	0.72	18	1957			

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

1945-1977

YEARS

DAILY EXTREME AMOUNTS

NOVEMBER
MONTH

DECEMBER
MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	0.15	4	1974			
2	0.06	2	1957			
3	0.20	5	1960			
4	0.55	14	1957			
5	0.19	5	1960			
6	0.38	10	1969			
7	0.64	16	1966			
8	0.23	6	1952			
9	1.10	28	1947			
10	0.97	25	1949			
11	0.50	13	1954			
12	0.44	11	1951			
13	0.76	19	1950			
14	0.53	13	1955			
15	1.15	29	1965			
16	1.24	31	1965			
17	0.67	17	1972			
18	0.49	12	1973			
19	0.68	17	1967			
20	1.47	37	1963			
21	1.31	33	1967			
22	1.62	41	1965			
23	0.41	10	1965			
24	0.10	3	1965			
25	0.35	9	1961			
26	0.59	15	1960			
27	0.17	4	1975			
28	0.19	5	1970			
29	0.82	21	1970			
30	0.26	7	1967			
31						
Monthly	1.62	41	1965			

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	0.59	15	1947			
2	0.67	17	1961			
3	0.53	13	1966			
4	1.13	29	1974			
5	1.64	42	1966			
6	0.36	9	1966			
7	0.10	3	1972			
8	0.34	9	1972			
9	1.24	31	1965			
10	1.13	29	1965			
11	0.51	13	1951			
12	0.28	7	1965			
13	0.39	10	1965	T	T	1967
14	0.80	20	1965			
15	0.23	6	1965			
16	0.51	13	1965			
17	0.63	16	1948			
18	1.08	27	1967			
19	0.77	20	1970			
20	0.91	23	1952			
21	0.46	12	1970			
22	2.60	66	1945			
23	0.54	14	1945	T	T	1948
24	0.95	24	1959			
25	0.50	13	1977			
26	0.49	12	1977			
27	0.81	21	1964			
28	0.34	9	1977*			
29	0.53	13	1965			
30	2.16	55	1951			
31	0.51	13	1976			
Monthly	2.60	66	1945	T	T	1967*

* ALSO ON EARLIER YEARS

T - TRACE, AN AMOUNT TOO SMALL TO MEASURE

BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

DIRNAVOCEANMET-SMOS

NWSD, Federal Building
Asheville, N. C.

PART C

SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

1. Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through 1963, and in tens of degrees starting in January 1964. When 90% or more of the daily observations of peak gust wind data are available for a month, the extreme is selected and printed. These values are then used to compute means and standard deviations for the entire period. Every month of a year must have valid observations present before the ALL MONTHS value is selected for that year. Means and standard deviations are computed when four or more values are present for any column. A supplementary list of Peak Gusts by year-month with < 90% observations reported is also provided.

NOTE: According to Circular N specifications, "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders."

2. Bivariate percentage frequency tabulations: Derived from 3-hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Beaufort classifications. Percentages are shown by both direction and speed, and in addition the mean wind speed for each direction.

A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VAREBL.

- a. Three tables are prepared for all surface winds included, and for all years combined as follows:

- (1) Annual - all hours combined
- (2) By month - all hours combined
- (3) By month - by standard 3-hour groups

- b. A separate annual table is also presented for surface winds meeting the following ceiling and visibility conditions: INSTRUMENT CLASS: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

EXTREME VALUES

SURFACE WINDS (FROM DAILY OBSERVATIONS)

93112 STATION SAN DIEGO, CALIFORNIA 46-77 YEARS

DAILY PEAK GUSTS IN KNOTS

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
45													
46													
47	NW 22NNW 28NW 19NNW 23SW 23NW 20N 18W 20NW 18NW 19SW 18SW 34											NNE 34	SW 34
48	NW 37S 44S 37W 29S 26NW 22NW 23W 24 21NW 34S 27W 38											S 40	NW 34
49	SW 38W 28 34NW 20NNW 26WSW 27NNW 28NW 23NW 20NW 22SSW 22NW 21SSE 26NW 22											38	NW 34
50	NW 34NW 20NNW 26WSW 27NNW 28NW 23NW 20NW 22SSW 22NW 21SSE 26NW 22											38	NW 34
51	S 44 36NW 42SW 37NW 22NW 22NW 19NW 22NW 19NW 26NW 24SW 46NW 33											32	
52	S 44 36NW 42SW 37NW 22NW 22NW 19NW 22NW 19NW 26NW 24SW 46NW 33											33	
53	SSW 35W 35NNW 47NNW 27ENE 33NW 21NW 21NW 22 26NW 27SSE 40SW 37											NW 30	S 52
54	SSE 51SW 43S 52WSW 24NNW 23W 28NW 23NW 28NW 26NW 27SSE 40SW 37											32	W 46
55	S 45W 46S 32SSE 32NNW 28WSW 21NW 18NW 23NW 28NW 24SW 28W 30S 32											21	W 35
56	S 23W 33NW 24W 35WSW 24W 28W 17NW 18NW 20NW 22NW 22W 30S 32											26	NNW 63
57	W 30S 27NW 36NW 36W 26SW 24S 20W 22NW 22 22W 22NW 22W 30S 32											26	SSE 52
58	NW 23NW 38NW 48NW 63S 23NW 22NW 24NW 21NW 21SSE 23NW 22S 21NW 36											27	NNW 40
59	SSE 52NW 43NW 23SSE 25W 27NW 21NW 22NW 20SSW 25NW 22S 21NW 36											27	NNW 40
60	NNW 40NW 40NW 30W 35W 23NW 27NW 24NW 24NW 24SW 24NW 29NW 27											26	SW 41
61	SSE 28NW 25NW 36NW 28 36NW 23W 26NW 23NW 18NW 23NW 22NW 20NW 20S 20											22	NNW 40
62	SW 41SW 38W 35NW 23W 35NW 23W 26NW 23NW 18NW 23NW 22NW 20NW 20S 20											30	NNW 36
63	NW 19S 31S 36NW 40NW 23S 21NW 20NW 21NW 26NW 24W 34W 22											31	WSW 38
64	SSE 30NW 34NW 36NW 31NW 30W 20W 20W 20W 20W 20W 20SSW 27W 30											31	S 34
65	NNW 31WSW 23W 26S 39NW 20W 24NW 21NW 19NW 22NW 21 36											33	WSW 38
66	WSW 36WSW 27SSW 36NW 29NW 25NW 23NW 23W 20W 21NW 22NW 22WSW 38SW 33											31	S 34
67	SSE 26NW 20NW 31NW 32W 21NW 24NW 19NW 23NW 23W 20W 22W 22WSW 38SW 33											31	NNW 37
68	NW 22NW 31SSE 32NW 37W 22W 21W 21NW 22NW 25NW 24S 28W 31											22	SSE 28
69	SSE 28SSE 26NW 23NW 20WSW 20NW 24W 19NW 26NW 21NW 25NW 22W 32											32	S 36
70	N 20S 36SW 32W 26N 22SW 21W 21W 20W 20W 18W 18S 32SW 32											30	NW 40
71	NW 40SW 2434 2929 2921 2326 2032 1832 2033 1924 2436 2834 30											29	32 32
72	32 3214 2031 2035 3030 2533 2231 2119 2034 1934 2726 2929 30											21	24 42
73	20 3124 4224 3302 2634 2427 2430 1718 2027 2533 2229 2628 21											25	15 36
74	15 3601 2525 3426 2427 2310 3129 1814 3135 2131 3029 2231 25												
MEAN													
S. D.													
TOTAL OBS.													

SURFACE WINDS
(FROM DAILY OBSERVATIONS)

SAN DIEGO, CALIFORNIA

STATION NAME

YEARS

DAILY PEAK GUSTS IN KNOTS

[illegible]

NAVWEASERVCOM

EXTREME VALUES

SURFACE WINDS
(FROM DAILY OBSERVATIONS)

93112	SAN DIEGO, CALIFORNIA	46-77
STATION	STATION NAME	YEARS

STATION NAME

DAILY PEAK GUSTS IN KNOTS
/BASED ON LESS THAN 90% OBSERVATIONS FOR MONTH/[illegible]

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93112
STATION

SAN DIEGO, CALIFORNIA

STATION NAME

73-77

YEARS

JAN

MONTH

ALL WEATHER

CLASS

01

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.9	3.2										7.1	3.3
NNE	1.3	1.3	.6	.6								3.9	6.5
NE	.6		.6									1.3	6.5
ENE	1.9											1.9	2.3
E	7.1	2.6										9.7	2.8
ESE	2.6	1.9		.6								5.2	4.6
SE	1.9	1.9	.6									4.5	4.0
SSE	.6											.6	2.0
S	1.3	.6	.6									2.6	4.8
SSW	.6				.6							1.3	11.0
SW		.6	.6									1.3	6.0
WSW		1.9										1.9	5.3
W	.6	.6	1.9	1.3	.6							5.2	9.5
WNW	.6			.6								1.3	8.5
NW	.6	1.3										1.9	4.0
NNW		.6										.6	6.0
VARBL													
CALM												49.7	
	23.9	16.8	5.2	3.2	1.3							100.0	2.5

TOTAL NUMBER OF OBSERVATIONS

155

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

73-77
YEARS

JAN
MONTH

ALL WEATHER
CLASS

04
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNOTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.2	3.9										7.1	3.5
NNE	1.9											1.9	2.0
NE	1.3											1.3	2.5
ENE	3.9	.6										4.5	2.4
E	6.5	5.2	.6									12.3	3.5
ESE	3.9	3.2										7.1	3.3
SE	.6	1.3	.6									2.6	4.3
SSE		.6										.6	4.0
S	1.3		.6									1.9	4.0
SSW		.6	.6			.6						1.9	11.7
SW		.6		.6								1.3	8.0
WSW			.6									.6	10.0
W		1.9	.6	1.3								3.9	8.2
WNW			.6	1.3								1.9	11.7
NW	1.3											1.3	1.5
NNW	1.3	2.6										3.9	3.7
VARBL													
CALM												45.6	
	25.2	20.6	4.5	3.2		.6						100.0	2.4

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

73-77
YEARS

JAN
MONTH

ALL WEATHER
CLASS

07
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.9	1.9										5.8	3.1
NNE													
NE		.6										.6	5.0
ENE	2.6	1.9										4.5	3.6
E	10.3	6.5	.6									17.4	3.4
ESE	1.9	1.3	1.3	.6								5.2	5.1
SE	1.9											1.9	1.7
SSE		.6										.6	4.0
S													
SSW	.6	1.3	1.3									3.2	5.6
SW	.6			.6								1.3	7.0
WSW			.6									.6	7.0
W	.6	.6	.6		.6							2.6	8.5
WNW	1.3	.6	.6	1.3								3.9	7.2
NW			.6									.6	10.0
NNW	1.3	1.3	.6									3.2	4.2
VARBL													
CALM												48.4	
	25.2	16.8	6.5	2.6	.6							100.0	2.3

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

73-77
YEARS

JAN
MONTH

ALL WEATHER
CLASS

10
HOURS (L.S.T.)

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.2											3.2	1.8
NNE													
NE													
ENE	1.3											1.3	2.0
E		3.2										3.2	4.6
ESE	1.9	2.6	1.3	.6								6.3	5.7
SE	2.6	2.6	1.9	1.3								8.4	5.9
SSE	5.2	3.2		.6								9.0	3.6
S	5.2	1.3	.6									7.1	3.5
SSW	3.2	.6	.6	.6								5.2	4.5
SW	.6											.6	2.0
WSW	1.3		.6	.6								2.6	6.5
W	2.6	.6	1.3	.6	.6							5.2	5.6
WNW	2.6	.6		.6								3.9	4.2
NW	2.6	1.3										3.9	3.3
NNW	1.9	3.2		.6								5.3	5.2
VARBL													
CALM												34.2	
	34.2	19.4	6.5	5.2	.6							100.0	3.0

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

73-77
YEARS

JAN
MONTH

ALL WEATHER
CLASS

13
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3											1.3	2.0
NNE													
NE				.6								.6	13.0
ENE													
E													
ESE													
SE					.6							.6	17.0
SSE	1.3	1.3	.6	1.3	.6							5.2	8.3
S	1.9	7.1	4.5	1.3								14.8	6.0
SSW	1.3	6.5	3.9	1.3								12.9	6.6
SW	.6	4.5	1.9	.6								7.7	6.3
WSW		2.6	1.3									3.9	5.7
W	.6	5.2	7.1	.6	.6							14.2	7.5
WNW		3.2	3.2	1.3								7.7	7.9
NW		5.2	13.5	1.9								20.6	7.8
NNW	.6	1.9	5.2	1.3								9.0	7.4
VARBL													
CALM												1.3	
	7.7	37.4	41.3	10.3	1.9							100.0	7.0

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

73-77
YEARS

JAN
MONTH

ALL WEATHER
CLASS

16
HOURS (L.S.T.)

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N			.6									.6	7.0
NNE													
NE			1.3									1.3	8.5
ENE													
E				.6								.6	13.0
ESE			.6									.6	10.0
SE	.6	.6										1.3	3.5
SSE		.6		1.3	.6							2.6	11.8
S	1.3	3.9	.6	.6								6.5	6.2
SSW	.6	3.9	2.6									7.1	5.6
SW	.6	1.3	.6	.6								3.2	6.8
WSW		.6	1.3									1.9	6.3
W	3.2	7.1	3.9	.6								14.8	5.5
WNW	1.9	7.7	9.0	1.9								20.6	7.0
NW		5.8	13.5	5.2								24.5	8.5
NNW		1.9	6.5	3.9								12.3	8.8
VARBL													
CALM												1.9	
	8.4	33.5	40.6	14.8	.6							100.0	7.2

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

73-77
YEARS

JAN
MONTH

ALL WEATHER
CLASS

19
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	7.1	11.6	1.3									20.0	4.3
NNE	1.3	1.9										3.2	3.6
NE	1.3	.6										1.9	3.3
ENE	.6											.6	3.0
E	1.9	.6	.6									3.2	4.2
ESE	1.3											1.3	2.5
SE		.6										.6	4.0
SSE		.6	1.3									1.9	8.3
S	1.9			1.3								3.2	6.2
SSW	1.3	.6	1.3									3.2	4.8
SW	.6			.6								1.3	7.0
WSW	.6		.6	.6								1.9	7.7
W	3.2	.6	.6	.6								5.2	4.8
WNW	2.6	.6	1.9	.6								5.8	5.3
NW	3.2	3.9	.6									7.7	4.2
NNW	1.9	9.7	1.3									12.9	4.8
VARBL													
CALM												25.8	
	29.0	31.6	9.7	3.9								100.0	3.5

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93112
STATION

SAN DIEGO, CALIFORNIA

73-77

STATION NAME

YEARS

JAN
MONTH

ALL WEATHER
CLASS

22
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNOTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	6.4	3.2	.6									12.3	3.4
NNE		.6										.6	6.0
NE													
ENE	1.3											1.3	1.5
E	5.8	1.3										7.1	2.6
ESE	3.9	1.9										5.8	3.1
SE	1.9	.6										2.6	2.5
SSE	.6	1.3		.6								2.6	6.3
S		.6										.6	4.0
SSW	.6	1.3		1.3								3.2	8.8
SW	1.9	.6										2.6	2.3
WSW	.6											.6	3.0
W	.6	1.3	.6	.6								3.2	6.6
WNW				.6	.6							1.3	16.0
NW	1.3	.6										1.9	3.0
NNW	1.9		1.3									3.2	4.4
VARBL													
CALM												51.0	
	29.0	13.5	2.6	3.2	.6							100.0	2.1

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

73-77
YEARS

JAN
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.9	3.0	.3									7.2	3.6
NNE	.6	.5	.1	.1								1.2	4.6
NE	.4	.2	.2	.1								.9	5.7
ENE	1.5	.3										1.8	2.7
E	4.0	2.4	.2	.1								6.7	3.4
ESE	1.9	1.4	.4	.2								4.0	4.4
SE	1.2	1.0	.4	.2	.1							2.8	4.7
SSE	1.0	1.0	.2	.5	.2							2.9	6.2
S	1.6	1.7	.9	.4								4.6	5.3
SSW	1.0	1.9	1.3	.4	.1	.1						4.8	6.5
SW	.6	1.0	.4	.4								2.4	5.9
WSW	.3	.6	.6	.2								1.8	6.3
W	1.5	2.3	2.1	.6	.3							6.8	6.8
WNW	1.1	1.6	1.9	1.0	.1							5.8	7.2
NW	1.1	2.3	3.5	.9								7.8	7.0
NNW	1.1	2.7	1.9	.7								6.4	6.1
VARBL													
CALM												32.3	
	22.8	23.7	14.6	5.8	.7	.1						100.0	3.8

TOTAL NUMBER OF OBSERVATIONS

1240

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

73-77
YEARS

FEB
MONTH

ALL WEATHER
CLASS

01
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	7.8	7.1										14.9	3.7
NNE	.7	.7										1.4	3.0
NE		.7										.7	4.0
ENE	2.8											2.8	1.8
E	7.1	.7										7.8	2.4
ESE	7.1	2.8	1.4	.7								12.1	3.8
SE	1.4	1.4										2.8	2.8
SSE	2.1		.7									2.8	3.5
S	2.1	1.4		2.1	.7							6.4	6.9
SSW		.7		.7								1.4	9.5
SW		.7										.7	4.0
WSW		.7	.7									1.4	5.5
W	.7	1.4	.7	.7								3.5	6.4
WNW		.7	1.4									2.1	6.7
NW	.7	.7										1.4	3.5
NNW	2.1	.7										2.8	2.5
VARBL													
CALM												34.8	
	34.8	20.6	5.0	4.3	.7							100.0	2.8

TOTAL NUMBER OF OBSERVATIONS

141

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

73-77
YEARS

FEB
MONTH

ALL WEATHER
CLASS

04
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.5	3.5										7.1	3.1
NNE	.7	.7										1.4	3.5
NE	.7											.7	2.0
ENE	2.1	.7										2.8	2.8
E	11.3	2.8										14.2	2.8
ESE	5.7	1.4	.7									7.8	2.8
SE		2.1										2.1	4.7
SSE	.7		.7	.7								2.1	9.7
S				.7	.7							1.4	17.0
SSW		.7	.7									1.4	6.0
SW		1.4										1.4	5.0
WSW	.7		.7	.7								2.1	8.0
W	.7	.7	1.4									2.8	6.0
WNW	.7	1.4	.7									2.8	5.8
NW	2.1	1.4	.7									4.3	3.8
NNW	1.4											1.4	2.5
VARBL													
CALM												44.0	
	30.5	17.0	5.7	2.1	.7							100.0	2.4

TOTAL NUMBER OF OBSERVATIONS

141

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93112
STATION

SAN DIEGO, CALIFORNIA

73-77

STATION NAME

YEARS

FEB
MONTH

ALL WEATHER
CLASS

07
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.8	2.8										5.7	3.6
NNE	2.1	1.4										3.5	3.4
NE													
ENE	1.4	.7										2.1	2.0
E	11.3	2.1	.7									14.2	2.9
ESE	6.4	4.3	.7									11.3	3.3
SE	2.8	2.1										5.0	3.6
SSE													
S	1.4	.7	.7	.7								3.5	6.6
SSW	.7											.7	2.0
SW		.7										.7	6.0
WSW	.7		.7									1.4	4.0
W	2.1	2.8	2.1									7.1	5.1
WNW	.7		.7									1.4	5.5
NW	1.4	.7	.7									2.8	4.3
NNW	2.1	.7										2.8	3.0
VARBL													
CALM												37.6	
	36.2	19.1	6.4	.7								100.0	2.3

TOTAL NUMBER OF OBSERVATIONS

141

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

73-77
YEARS

FEB
MONTH

ALL WEATHER
CLASS

10
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	4.3	1.4									7.1	4.8
NNE	2.8											2.8	2.3
NE	.7	.7										1.4	3.5
ENE	.7	.7										1.4	3.0
E	.7	.7										1.4	3.5
ESE													
SE	1.4	3.5	.7									5.7	4.9
SSE	4.3	5.7	.7	.7								11.3	4.7
S	3.5	7.1	1.4		.7							12.8	5.2
SSW	1.4	1.4	.7									3.5	5.2
SW				.7								.7	16.0
WSW	.7											.7	3.0
W	3.5	2.8	2.8									9.2	5.1
WNW	2.1	2.1										4.3	3.5
NW	2.1	1.4	1.4									5.0	5.3
NNW	4.3	5.0	.7	.7								10.6	4.7
VARBL													
CALM												22.0	
	29.8	35.5	9.9	2.1	.7							100.0	3.7

TOTAL NUMBER OF OBSERVATIONS

141

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93112
STATION

SAN DIEGO, CALIFORNIA

73-77

STATION NAME

YEARS

FEB

MONTH

ALL WEATHER
CLASS

13

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE	.7											.7	2.0
NE				.7								.7	14.0
ENE		.7										.7	5.0
E													
ESE													
SE		.7										.7	6.0
SSE													
S		2.8	3.5	1.4								7.8	7.5
SSW		2.1	2.8	.7								5.7	8.1
SW	.7	3.3	5.0									9.2	6.5
WSW		2.1		1.4								3.5	7.4
W	2.1	5.7	9.9	1.4								19.1	7.3
WNW		5.0	9.2	2.8								17.0	8.0
NW	.7	2.8	11.3	8.5								23.4	9.1
NNW		.7	5.0	2.1								7.8	9.2
VARBL													
CALM												3.5	
TOTAL	4.3	26.2	46.8	19.1								100.0	7.7

TOTAL NUMBER OF OBSERVATIONS

141

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

73-77
YEARS

FEB
MONTH

ALL WEATHER
CLASS

16
HOURS (L.S.T.)

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	.7	1.4									3.3	5.4
NNE			.7									.7	10.0
NE													
ENE													
E													
ESE		.7										.7	6.0
SE			.7									.7	8.0
SSE			1.4									1.4	8.5
S		2.8	2.1	.7								5.7	7.4
SSW	.7	3.5	1.4	.7								6.4	6.4
SW	.7	.7	2.1									3.3	6.0
WSW		3.5	1.4									5.0	5.4
W		7.1	6.4	2.1								15.6	7.6
WNW		3.5	16.3	2.8								22.7	8.2
NW		1.4	12.1	9.2								22.7	9.8
NNW		.7	7.1	3.5								11.3	9.4
VARBL												.0	
CALM													
	2.8	24.8	53.2	19.1								100.0	8.1

TOTAL NUMBER OF OBSERVATIONS

141

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

73-77
YEARS

FEB
MONTH

ALL WEATHER
CLASS

19
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.1	10.6	2.8									15.6	5.0
NNE	1.4											1.4	2.5
NE			.7									.7	7.0
ENE													
E	.7			.7								1.4	8.0
ESE	.7											.7	2.0
SE	1.4	1.4	1.4									4.3	5.2
SSE			1.4									1.4	6.5
S	1.4	1.4	1.4	.7								5.0	6.6
SSW	1.4	.7	.7									2.8	5.0
SW	3.5											3.5	2.4
WSW	1.4	.7	.7	1.4								4.3	7.5
W	2.1	2.1		.7								5.0	4.4
WNW	2.8	2.8	1.4									7.1	4.7
NW	3.5	7.1	5.0									15.6	5.3
NNW	5.0	8.5	3.5	.7								17.7	5.1
VARBL													
CALM												13.5	
	27.7	35.5	19.1	4.3								100.0	4.5

TOTAL NUMBER OF OBSERVATIONS

141

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93112
STATION

SAN DIEGO, CALIFORNIA

73-77

STATION NAME

YEARS

FEB
MONTH

ALL WEATHER
CLASS

22
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.3	2.1		.7								7.1	4.4
NNE	5.0											5.0	2.1
NE	.7	1.4										2.1	3.7
NNE	.7											.7	3.0
E	5.0	2.1										7.1	3.1
ESE	5.0	1.4										6.4	2.6
SE	2.1	.7										2.8	3.8
SSE	.7		.7	.7								2.1	7.7
S	2.1	.7	2.1	1.4								6.4	6.3
SSW	.7	.7										1.4	2.5
SW													
WSW		2.1	.7									2.8	5.5
W	1.4	1.4	2.1									5.0	5.6
WNW	.7	.7	1.4									2.8	5.8
NW	.7	2.1										2.8	4.0
NNW	4.3	2.8	2.1									9.2	4.2
VARBL													
CALA												36.2	
	33.3	18.4	9.2	2.8								100.0	2.7

TOTAL NUMBER OF OBSERVATIONS

141

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

73-77
YEARS

FEB
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.9	3.9	.7	.1								7.6	4.3
NNE	1.7	.4	.1									2.1	3.0
NE	.3	.4	.1	.1								.8	5.0
ENE	1.0	.4										1.3	2.5
E	4.5	1.1	.1	.1								5.8	3.0
ESE	3.1	1.3	.4	.1								4.9	3.3
SE	1.2	1.5	.4									3.0	4.4
SSE	1.0	.7	.7	.3								2.7	5.8
S	1.3	2.1	1.4	1.0	.3							6.1	7.0
SSW	.6	1.2	.8	.3								2.9	6.3
SW	.6	.9	.9	.1								2.5	5.8
WSW	.4	1.2	.6	.4								2.7	6.3
W	1.6	3.0	3.2	.6								8.4	6.4
WNW	.9	2.0	3.9	.7								7.5	7.1
NW	1.4	2.2	3.9	2.2								9.8	7.5
NNW	2.4	2.4	2.3	.9								8.0	5.9
VARBL													
CALM												23.9	
	24.9	24.6	19.4	6.8	.3							100.0	4.3

TOTAL NUMBER OF OBSERVATIONS

1128

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93112
STATION

SAN DIEGO, CALIFORNIA

73-77

STATION NAME

YEARS

MAR
MONTH

ALL WEATHER
CLASS

01
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.9	1.9	.6									6.3	3.4
NNE	2.6	1.3										3.9	2.8
NE													
ENE	.6											.6	2.0
E	9.0											9.0	2.2
ESE	7.1	1.3	.6									9.0	2.8
SE	.6	3.2	.6	.6								5.2	5.9
SSE	4.5		.6	.6								5.8	3.8
S	1.3	1.3	.6									3.2	4.4
SSW	.6	1.3	.6		.6							3.2	7.4
SW	3.2		.6									3.9	3.5
WSW	1.3	.6	.6									2.6	3.0
W	1.9	2.6	2.6	1.3								8.4	6.3
WNW	1.3	.6	3.2	.6	.6							6.5	8.2
NW	.6	.6	.6									1.9	5.0
NNW	1.3	1.3										2.6	3.3
VARBL													
CALM												27.7	
	40.0	16.1	11.6	3.2	1.3							100.0	3.2

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

73-77
YEARS

MAR
MONTH

ALL WEATHER
CLASS

04
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.9	2.6										6.5	3.2
NNE	1.3											1.3	2.0
NIE	1.3											1.3	2.0
ENE	.6											.6	1.0
E	10.3	3.9										14.2	2.9
ESE	3.2	5.8	.6									9.7	3.7
SE		.6		.6								1.3	7.5
SSE		1.3	.6	1.3								3.2	9.0
S		3.2										3.2	5.2
SSW		1.9		.6								2.6	5.8
SW	1.9	1.3	.6									3.9	4.3
WSW	1.3	.6										2.6	8.3
W	1.3	1.9	.6	3.2		.6						7.1	8.4
WNW		1.9	1.3	3.2								6.5	9.8
NW		.6	1.3									1.9	6.7
NNW	1.9	2.6										4.5	3.3
VARBL													
CALM												29.7	
	27.1	28.4	5.2	9.0		.6						100.0	3.6

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

73-77
YEARS

MAR
MONTH

ALL WEATHER
CLASS

07
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.6	1.3	.6	.6								5.2	5.1
NNE	3.2	.6										3.9	2.3
NE	.6											.6	2.0
ENE	1.9											1.9	2.0
E	9.7											9.7	2.2
ESE	6.5	4.5	1.9									12.9	4.0
SE	1.3	1.9	.6									3.9	3.7
SSE	1.9	1.9	.6	.6								5.8	7.0
S	1.3	2.6	1.3									5.2	5.0
SSW	.6	1.9										2.6	4.8
SW	.6	.6	1.3									2.6	6.8
WSW		1.3		1.3								2.6	9.8
W	.6	1.9	1.9	1.3								5.8	7.9
WNW		2.6	2.6	2.6								7.7	8.6
NW													
NNW	1.3		.6									1.9	3.7
VARBL													
CALA												27.7	
	32.3	21.3	11.6	6.5	.6							100.0	3.7

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

73-77
YEARS

MAR
MONTH

ALL WEATHER
CLASS

10
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	.6		.6								1.9	6.3
NNE													
NE													
ENE		.6	.6									1.3	6.0
E		.6										.6	4.0
ESE		.6										.6	5.0
SE	.6	1.3										1.9	4.0
SSE	1.3	7.1	1.9		.6							11.0	5.5
S	3.2	10.3	8.4	2.6								24.5	6.4
SSW	1.3	3.2	2.6									7.1	6.0
SW	1.3	1.3	.6									3.2	4.2
WSW	1.3		1.9	.6								3.9	8.0
W	1.9	1.9	4.5	4.5								12.9	9.3
WNW	3.2	1.9	1.9	.6								7.7	5.6
NW	1.3	1.9	2.6	.6	.6							7.1	7.8
NNW	1.3	3.9	2.6	.6								8.4	6.0
VARBL													
CALM												7.7	
	17.4	35.5	27.7	10.3	1.3							100.0	6.1

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93112

STATION

SAN DIEGO, CALIFORNIA

STATION NAME

73-77

YEARS

MAR

MONTH

13

HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.6										.6	4.0
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE				1.3								1.3	14.5
S	.6	1.9	2.6	3.2								8.4	9.2
SSW		.6	10.3	.6								11.6	8.3
SW	.6	.6	3.9	.6								5.8	6.1
WSW		2.6	2.6	1.9								7.1	7.9
W		3.2	14.8	6.5	1.3							25.8	10.0
WNW		1.3	10.3	10.3	.6							22.6	10.7
NW		.6	4.5	6.5	1.3							12.9	11.9
NNW		.6	1.9	1.3								3.9	9.0
VARBL													
CALM												.0	
	1.3	12.3	51.0	32.3	3.2							100.0	9.8

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

73-77
YEARS

MAR
MONTH

ALL WEATHER
CLASS

16
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6											.6	3.0
NNE													
NE													
ENE													
E		.6										.6	4.0
ESE													
SE		.6										.6	6.0
SSE				.6								.6	12.0
S		3.9	3.2	.6								7.7	7.0
SSW		4.5	3.2	.6								8.4	7.2
SW		1.3	1.3									2.6	6.5
WSW		.6	2.6	.6								3.9	8.3
W	.6	5.8	15.5	5.2	.6							27.7	8.8
WNW	.6	4.5	9.0	7.1	.6	.6						22.6	9.9
NW		1.3	8.4	6.5								16.1	10.2
NNW		1.3		5.8	.6							7.7	11.9
VARBL													
CALM												.6	
	1.9	24.5	43.2	27.1	1.9	.6						100.0	9.0

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

73-77
YEARS

MAR
MONTH

ALL WEATHER
CLASS

19
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	3.2	2.6									6.5	5.7
NNE	.6	.6										1.3	3.5
NE													
ENE													
E													
ESE	.6											.6	2.0
SE	.6	.6										1.3	3.5
SSE	.6			.6								2.6	8.5
S	1.3	2.6	1.3	1.3								5.2	4.9
SSW	.6	.6	1.9									3.2	6.4
SW	1.3	1.3	.6									3.2	4.8
WSW	1.9	3.9	1.3									7.1	5.1
W	2.6	7.1	2.6	1.3	.6							14.2	6.9
WNW	3.2	6.5	8.4	2.6	.6							21.3	7.3
NW	1.3	6.5	6.5	.6								14.8	6.4
NNW	1.9	4.5	5.2	.6								12.3	5.9
VARBL													
CALM												6.5	
	17.4	37.4	31.0	6.5	1.3							100.0	5.9

TOTAL NUMBER OF OBSERVATIONS

155

WEATHER SERVICE
ATLANTIC
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SAN DIEGO, CALIFORNIA

73-77

YEARS

MAR
MONTH

ALL WEATHER
CLASS

22
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	5.8	5.8										11.6	3.3
NNE	1.3	1.3										2.6	3.0
NE													
ENE	.6											.6	3.0
E	5.2											5.2	2.3
ESE	2.6	.6										3.2	3.2
SE	1.3	2.6	1.3									5.2	5.3
SSE	1.9	1.3	1.3	.6								5.2	5.4
S	1.9	1.3	1.3	.6	.6							5.8	6.8
SSW	1.3	1.3	.6									3.2	4.4
SW	1.9	1.3	1.3									3.2	4.6
WSW	1.9	1.3	1.3									4.3	4.9
W	2.6	2.6	3.2	1.3								9.7	6.3
WNW	1.3	4.5	1.9	1.3								9.0	6.4
NW	1.3	4.5	2.6	.6	.6							9.7	6.9
NNW	.6	1.3		.6								2.6	6.3
VARBL													
CALM												18.7	
	31.6	28.4	14.8	5.2	1.3							100.0	4.2

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93112
STATION

SAN DIEGO, CALIFORNIA

73-77

YEARS

MAR

NORTH

ALL WEATHER
CLASS

ALL

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.3	2.0	.5	.2								4.9	4.1
NNE	1.1	.5										1.6	2.7
NE	.2											.2	2.0
ENE	.3	.1	.1									.6	3.0
E	4.3	.6										4.9	2.5
ESE	2.5	1.6	.4									4.5	3.5
SE	.6	1.4	.3	.2								2.4	5.0
SSE	1.3	1.5	.7	.8	.2							4.4	6.4
S	1.2	3.4	2.3	.9	.1							7.9	6.5
SSW	.6	1.9	2.4	.2	.1							5.2	6.8
SW	1.4	.8	1.3	.1								3.5	5.5
WSW	1.0	1.4	1.3	.6		.1						4.3	6.9
W	1.5	3.4	5.7	3.1	.3							14.0	8.4
WNW	1.2	3.0	4.8	3.5	.3	.1						13.0	8.7
NW	.6	2.0	3.3	1.9	.3							8.1	8.7
NNW	1.0	1.9	1.3	1.1	.1							5.5	6.8
VARBL													
CALM												14.8	
	21.1	25.5	24.5	12.5	1.4	.2						100.0	5.7

TOTAL NUMBER OF OBSERVATIONS

1240

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

73-77
YEARS

APR
MONTH

ALL WEATHER
CLASS

01
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.3	.7										4.0	2.7
NNE	1.3	.7										2.0	3.0
NE													
ENE													
E	6.7											6.7	2.1
ESE	2.0	1.3	.7									4.0	4.0
SE	2.0	.7										2.7	3.0
SSE	2.7	3.3		.7								6.7	4.4
S	2.0	3.3	3.3									8.7	5.6
SSW	2.7	2.0										4.7	4.0
SW	2.7	1.3										4.0	3.0
WSW	.7	3.3	.7	1.3								6.0	6.8
W	2.0	1.3		.7								4.0	4.8
WNW	2.0	2.7	2.0		.7							7.3	6.4
NW	1.3	1.3	.7	1.3								4.7	7.0
NNW	2.7	2.0	2.0									6.7	4.5
VARBL													
CALM												28.0	
	34.0	24.0	9.3	4.0	.7							100.0	3.3

TOTAL NUMBER OF OBSERVATIONS

150

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

73-77
YEARS

APR
MONTH

ALL WEATHER
CLASS

04
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.0	1.3										3.3	2.8
NNE	.7	.7										1.3	4.0
NE	1.3											1.3	2.5
ENE	1.3	.7										2.0	2.3
E	5.3	.7										6.0	2.7
ESE	4.7	2.0	.7									7.3	3.5
SE	1.3	.7	.7									2.7	4.5
SSE	1.3	.7	.7									4.0	3.3
S	2.7	.7	.7									3.3	5.4
SSW	.7	2.7	.7									4.0	5.5
SW	4.0	1.3	1.3	.7								6.7	4.1
WSW	2.7	4.0	.7		.7							8.0	5.2
W	.7	2.7	2.0	.7	.7							6.7	8.2
WNW	.7	2.0										2.7	4.5
NW	3.3	1.3										4.7	2.9
NNW													
VARBL													
CALM												33.3	
	32.7	23.3	8.0	1.3	1.3							100.0	2.9

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

73-77
YEARS

APR
MONTH

ALL WEATHER
CLASS

07
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.7	4.7	.7									10.0	3.7
NNE	2.0	1.3										3.3	3.2
NE	.7											.7	2.0
ENE	1.3											1.3	2.0
E	5.3	2.0	.7									8.0	3.6
ESE	3.3	2.0										5.3	2.6
SE	2.0	5.3	.7									8.0	4.3
SSE	2.7	.7	.7	.7								4.7	4.7
S	2.7	2.0										4.7	3.6
SSW	2.0	.7	2.0									4.7	4.9
SW		2.0	2.0									4.0	6.3
WSW	.7	2.0	.7									3.3	4.4
W	1.3	1.3	3.3	.7	.7							6.7	7.0
WNW	2.0	.7	1.3	.7	.7							4.7	7.1
NW	2.7			.7	.7							3.3	4.4
NNW			.7	.7	.7							1.3	11.5
VARBL													
CALM												26.0	
	33.3	24.7	12.7	2.0	1.3							100.0	3.4

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

73-77

YEARS

APR
MONTH

ALL WEATHER
CLASS

10
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.3	.7									2.0	5.7
NNE			.7									.7	10.0
NE	.7											.7	3.0
ENE													
E	.7											.7	2.0
ESE			1.3									1.3	7.5
SE													
SSE		1.3		.7								2.0	7.3
S	4.0	8.7	4.0									16.7	4.9
SSW	2.0	6.7	6.7									15.3	6.1
SW	1.3	3.3	3.3									8.0	5.8
WSW		4.7	2.0	1.3								8.0	7.3
W	1.3	4.7	4.7	.7								11.3	6.5
WNW	1.3	6.7	4.7	2.0	1.3							16.0	7.8
NW		4.0	6.0	2.0								12.0	7.5
NNW	1.3	.7	2.0	.7								4.7	6.3
VARBL													
CALM												.7	
	12.7	42.0	36.0	7.3	1.3							100.0	6.4

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

73-77
YEARS

APR
MONTH

ALL WEATHER
CLASS

13
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE				.7								.7	16.0
NE													
ENE													
E													
ESE													
SE													
SSE				.7									
S	.7	3.3	3.3									.7	14.0
SSW		1.3	8.0	2.0								7.3	6.2
SW		.7	6.7	.7								11.3	9.1
WSW		.7	8.7	2.0								8.0	8.5
W	.7	2.7	15.3	7.3								11.3	9.4
WNW		1.3	9.3	8.7	1.3							26.0	8.9
NW		.7	5.3	4.7	.7							20.7	11.2
NNW			2.0	.7								11.3	10.8
VARBL												2.7	10.0
CALM												.0	
	1.3	10.7	58.7	27.3	2.0							100.0	9.5

TOTAL NUMBER OF OBSERVATIONS

150

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

73-77
YEARS

APR
MONTH

ALL WEATHER
CLAS

16
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N				.7								.7	14.0
NNE													
NE													
ENE													
E													
ESE													
SE					.7							.7	18.0
SSE													
S		.7	2.7									3.3	8.0
SSW		3.3	6.0	2.7								12.0	8.2
SW	.7	.7	2.0									3.3	6.6
WSW	.7	3.3	2.7									6.7	6.2
W		8.0	23.3	2.7								34.0	7.9
WNW		4.0	10.0	10.0								24.0	9.8
NW			3.3	6.7								10.0	11.3
NNW			1.3	3.3								4.7	12.3
VARBL													
CALM												.7	
	1.3	20.0	51.3	26.0	.7							100.0	8.9

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

73-77

YEARS

APR
MONTH

ALL WEATHER
CLASS

19
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.3	2.0	.7								4.0	7.5
NNE													
NE													
ENE													
E	.7											.7	2.0
ESE				.7								.7	13.0
SE													
SSE													
S		3.3	3.3									6.7	6.5
SSW	2.7	2.7	.7									6.0	4.4
SW	3.3	2.0	.7									6.0	3.8
WSW	6.7	2.7	2.0									11.3	4.1
W		10.0	3.3	.7		.7						14.7	6.9
WNW	3.3	5.3	5.3	.7	1.3							16.0	6.8
NW		7.3	11.3	.7								19.3	7.2
NNW	.7	5.3	6.0	.7								12.7	6.7
VARBL												2.0	
CALM													
	17.3	40.0	34.7	4.0	1.3	.7						100.0	6.1

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION
93112

SAN DIEGO, CALIFORNIA

STATION NAME

73-77

YEARS

APR

MONTH

ALL WEATHER
CLASS

22

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	5.3	4.0										9.3	3.6
NNE		.7										.7	5.0
NE		.7										.7	4.0
ENE													
E	1.3											1.3	2.0
ESE	.7			.7								1.3	7.0
SE		.7										.7	6.0
SSE	.7	.7	.7									2.0	6.0
S	5.3	1.3	3.3									10.0	4.1
SSW	3.3	2.0		.7								6.0	4.7
SW	2.7	.7	.7									4.0	2.8
WSW	2.7	2.0	1.3									6.0	4.3
W	2.0	3.3	2.7	.7								8.7	6.5
WNW	1.3	4.0	2.0	1.3		.7						9.3	7.3
NW	5.3	5.3	.7	.7								12.0	4.2
NNW	2.7	2.0	2.0									6.7	5.2
VARBL													
CALM												21.3	
	33.3	27.3	13.3	4.0		.7						100.0	3.8

TOTAL NUMBER OF OBSERVATIONS

150

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

73-77
YEARS

APR
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.9	1.7	.4	.1								4.1	4.0
NNE	.5	.4	.1	.2								1.2	5.6
NE	.3	.1										.4	2.8
ENE	.3	.1										.4	2.2
E	2.5	.3	.1									2.9	2.7
ESE	1.3	.7	.3	.2								2.5	4.2
SE	.7	.9	.2		.1							1.8	4.8
SSE	.9	.8	.2	.3								2.3	5.4
S	2.2	2.9	2.6									7.7	5.2
SSW	1.6	2.7	3.0	.7								7.9	6.5
SW	1.4	1.6	2.0	.2								5.2	5.5
WSW	1.9	2.5	2.4	.6								7.4	6.1
W	1.2	4.4	6.7	1.6	.2	.1						14.2	7.4
WNW	1.3	3.4	4.6	2.9	.7	.1						13.1	8.6
NW	1.2	2.6	3.4	2.1	.1							9.4	7.6
NNW	1.3	1.4	2.0	.7								5.5	6.6
VARBL													
CALM												14.0	
	20.7	26.5	28.0	9.5	1.1	.2						100.0	5.6

TOTAL NUMBER OF OBSERVATIONS

1200

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

73-77

YEAR

MAY
MONTH

ALL WEATHER
CLASS

01
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.9										1.9	5.3
NNE	1.3	.6										1.9	2.7
NE	1.3											1.3	2.0
ENE													
E	1.3											1.3	2.0
ESE		.6	.6									1.3	6.5
SE	.6	1.9										2.6	4.3
SSE	1.9	1.3	.6									3.9	4.0
S	5.2	5.2	3.2									13.5	4.7
SSW	3.9	1.9	1.3									7.1	3.9
SW	6.5	5.2										11.6	3.3
WSW	6.5	2.6										9.0	3.1
W	1.9	4.5	2.6	.6								9.7	5.7
WNW	3.2	1.9	2.6									7.7	4.9
NW	.6	1.9	.6									3.2	4.4
NNW	5.2	1.9										7.1	2.5
VARBL													
CALM												16.8	
	39.4	31.6	11.6	.6								100.0	3.4

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

73-77
YEARS

MAY
MONTH

ALL WEATHER
CLASS

04
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	1.9										2.6	3.5
NNE	1.9	1.3										3.2	3.6
NE													
ENE	.6											.6	3.0
E	1.9	1.9										3.9	3.0
ESE	3.9		.6									4.5	3.1
SE	.6	.6	.6									1.9	4.7
SSE	3.2	2.6	1.3									7.1	4.5
S	6.5	4.5										11.0	3.1
SSW	3.2	3.2	1.9									8.4	4.7
SW	5.2	2.6	.6	.6								9.0	4.1
WSW	3.2	1.9	1.9									7.1	4.5
W	3.9	3.9	.6	1.9								10.3	5.5
WNW	2.6	1.3	.6									4.5	4.4
NW	1.3	3.9	1.3									6.5	4.6
NNW	1.3	3.9										5.2	3.9
VARBL													
CALM												14.2	
	40.0	33.5	9.7	2.6								100.0	3.6

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

73-77
YEARS

MAY
MONTH

ALL WEATHER
CLASS

07
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.2	1.9										5.2	3.5
NNE	.6	.6										1.3	3.0
NE	.6											.6	1.0
ENE													
E	1.9											1.9	2.7
ESE		.6	.6									1.3	6.0
SE	1.9	1.9	.6									4.3	3.6
SSE	3.9	7.1	1.9									12.9	4.4
S	3.9	5.2	1.3	.6								11.0	4.6
SSW	4.5	3.2	.6									8.4	3.8
SW	1.9	3.9										5.8	3.8
WSW		1.3	3.9									5.2	7.8
W	7.1	3.2	2.6	1.3								14.2	5.0
WNW	.6	1.9										2.6	3.5
NW	2.6	3.9										6.5	4.1
NNW	3.2	3.2										6.5	3.5
VARBL													
CALM												12.3	
	36.1	38.1	11.6	1.9								100.0	3.8

TOTAL NUMBER OF OBSERVATIONS

155

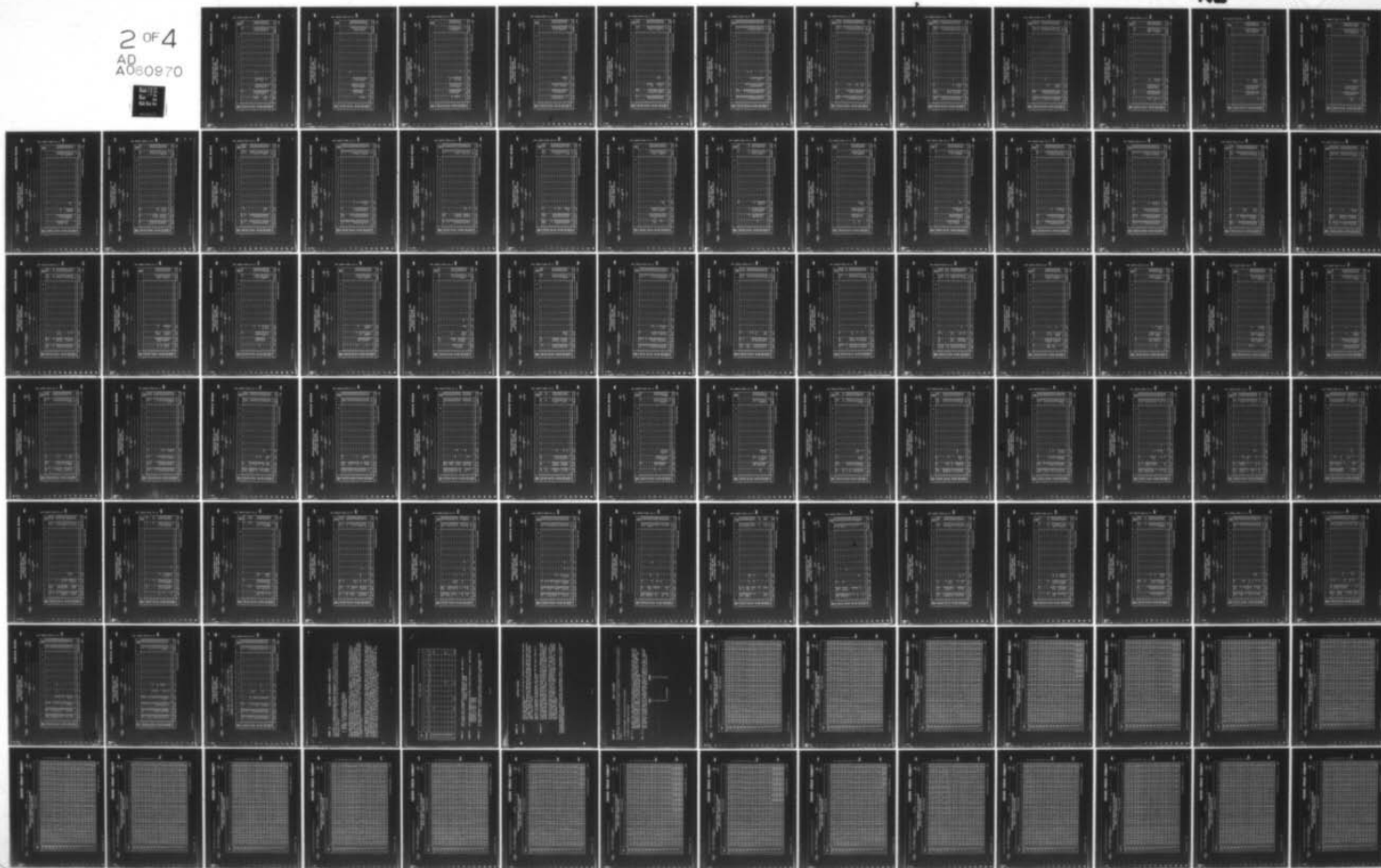
AD-A060 970

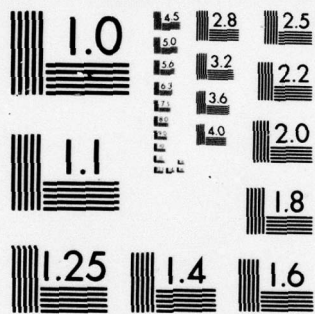
NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE N C F/G 4/2
SUMMARY OF METEOROLOGICAL OBSERVATIONS, SURFACE (SMOS) SAN DIEG--ETC(U)
JUL 78

UNCLASSIFIED

NL

2 OF 4
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MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

73-77
YEARS

MAY
MONTH

ALL WEATHER
CLASS

10
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.6										.6	4.0
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE	.6	1.3										1.9	3.7
S	1.3	7.7	5.2	1.3	.6							16.1	6.8
SSW	.6	12.3	5.8	.6								19.4	6.5
SW		4.5	4.5	.6								9.7	7.3
WSW		6.5	3.2	1.3								11.0	7.2
W		10.3	7.7	.6								18.7	6.8
WNW	1.9	6.5	5.2									13.5	6.1
NW	1.3	1.9	3.2	.6								7.1	6.8
NNW		.6	.6									1.3	7.3
VARBL													
CALA												.6	
	5.8	52.3	35.5	5.2	.6							100.0	6.6

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

73-77
YEARS

MAY
MONTH

ALL WEATHER
CLASS

13
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE					.6							.6	19.0
SSE			.6									.6	7.0
S		3.2	2.6	.6								6.3	7.6
SSW		3.2	15.5	1.3								20.0	8.2
SW		1.9	5.2	4.3								11.6	9.5
WSW		2.6	3.9	1.3								7.7	7.6
W	.6	3.2	18.1	5.2								27.1	8.7
WNW	.6	1.3	10.3	6.5								18.7	9.4
NW	.6		3.9	1.9								6.3	9.7
NNW				.6								.6	16.0
VARBL													
CALM												.0	
	1.9	15.5	60.0	21.9	.6							100.0	8.8

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

73-77
YEARS

MAY
MONTH

ALL WEATHER
CLASS

16
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S		5.8	1.3	1.3								8.4	7.1
SSW	.6	6.3	7.7									14.8	6.5
SW		5.2	4.5	.6								10.3	6.8
WSW	.6	5.2	5.8	1.3								12.9	6.9
W	.6	11.0	14.8	1.3								27.7	7.0
WNW	.6	1.3	11.0	6.5								19.4	9.7
NW		.6	2.6	2.6	.6							6.5	10.7
NNW													
VARBL													
CALM												.0	
	2.6	35.5	47.7	13.5	.6							100.0	7.7

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

73-77
YEARS

MAY
MONTH

ALL WEATHER
CLASS

19
HOURS (L.S.T.)

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE	1.3	.6	.6									2.6	4.0
S	3.2	3.9	1.9									9.0	4.8
SSW	1.3	7.7	2.6									11.6	5.1
SW	3.2	3.9	1.3									8.4	4.1
WSW	5.2	9.0	.6									14.8	4.0
W	3.9	9.0	3.9									16.8	5.0
WNW	1.9	7.1	5.2	.6								14.8	6.1
NW		5.8	7.7	1.3								14.8	7.7
NNW	.6	.6	2.6	1.3								5.2	8.6
VARJL													
CALM												1.9	
	20.6	47.7	26.5	3.2								100.0	5.4

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

73-77
YEARS

MAY
MONTH

ALL WEATHER
CLASS

22
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	.6										1.3	3.5
NNE		.6										.6	6.0
NE													
ENE													
E													
ESE													
SE	.6		.6									1.3	5.5
SSE	3.2	1.3	.6									5.2	3.6
S	6.5	9.0	1.3									16.8	4.0
SSW	5.8	1.3	1.3									8.4	3.9
SW	4.5	1.3										5.8	2.9
WSW	5.8	3.9										9.7	3.5
W	2.6	7.7	.6	.6								11.6	5.3
WNW	3.2	11.6	1.3	.6								16.8	4.8
NW	1.3	5.8	1.3									8.4	5.0
NNW	1.9	1.9	.6									4.3	4.4
VARB													
CALM												9.7	
	36.1	45.2	7.7	1.3								100.0	3.9

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

73-77
YEARS

MAY
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 35	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	.9										1.5	3.8
NNE	.5	.4										.9	3.5
NE	.2											.2	1.7
ENE	.1											.1	3.0
E	.6	.2										.9	2.7
ESE	.5	.2	.2									.9	4.3
SE	.5	.6	.2		.1							1.4	5.1
SSE	1.8	1.8	.7									4.3	4.2
S	3.3	5.6	2.1	.5	.1							11.5	5.2
SSW	2.5	4.9	4.6	.2								12.3	5.9
SW	2.7	3.5	2.0	.8								9.0	5.3
WSW	2.7	4.1	2.4	.5								9.7	5.4
W	2.6	6.6	6.4	1.5								17.0	6.5
WNW	1.9	4.1	4.5	1.8								12.3	7.0
NW	1.0	3.0	2.6	.8	.1							7.4	6.8
NNW	1.5	1.5	.5	.2								3.8	4.6
VARIABLE													
CALM												6.9	
	22.8	37.4	26.3	6.3	.2							100.0	5.4

TOTAL NUMBER OF OBSERVATIONS

1240

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93112
STATION

SAN DIEGO, CALIFORNIA

73-77

STATION NAME

YEARS

JUN
MONTH

ALL WEATHER
CLASS

01
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.7	4.0	.7									7.3	4.1
NNE	1.3											1.3	3.0
NE	.7											.7	2.0
ENE													
E	.7											.7	2.0
ESE	.7											.7	1.0
SE	.7	.7										1.3	3.5
SSE	2.7	.7	.7									4.0	3.5
S	6.7	4.0	.7									11.3	3.7
SSW	3.3	3.3										6.7	3.9
SW	3.3	.7										4.0	2.5
WSW	4.7	2.0	.7									7.3	3.3
W	6.0	6.0	1.3									13.3	3.8
WNW	4.7	4.0										8.7	3.5
NW	4.0	3.3	.7									8.0	4.0
NNW	2.0	4.0	2.7									8.7	5.1
VARB													
CALM												16.0	
	44.0	32.7	7.3									100.0	3.1

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

73-77
YEARS

JUN
MONTH

ALL WEATHER
CLASS

04
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.7	4.7	.7									8.0	3.8
NNE	1.3	2.0										3.3	4.2
NE	.7											.7	2.0
ENE													
E	.7											.7	1.0
ESE	1.3											1.3	2.0
SE	4.0											4.0	2.7
SSE	2.0											2.0	2.3
S	4.0	6.0										10.0	3.9
SSW	3.3	2.7										6.0	3.4
SW	1.3	.7										2.0	2.7
WSW	5.3	4.0	.7	.7								10.7	3.9
W	3.3	4.7										8.0	3.3
WNW	2.0	2.0	.7									4.7	3.7
NW	2.7	5.3	1.3									9.3	4.5
NNW	3.3	5.3	2.0									10.7	4.5
VARBL													
CALM												18.7	
	38.0	37.3	5.3	.7								100.0	3.0

TOTAL NUMBER OF OBSERVATIONS

150

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

73-77
YEARS

JUN
MONTH

ALL WEATHER
CLASS

07
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.7	4.7										9.3	3.7
NNE	1.3	.7										2.0	3.0
NE	.7											.7	3.0
ENE	1.3											1.3	1.5
E													
ESE	.7	.7										1.3	3.0
SE	.7	1.3										2.0	4.7
SSE	4.7	3.3		.7								8.7	4.5
S	4.0	8.0	.7									12.7	4.2
SSW	2.7	5.3	.7									8.7	4.2
SW	.7	2.0										2.7	4.5
WSW	2.7	2.0										4.7	3.0
W	2.0	1.3										3.3	3.2
WNW	2.0	2.7	2.0									6.7	5.2
NW	4.0	6.0	1.3									11.3	4.2
NNW	6.0	4.0	1.3									11.3	3.9
VARBL													
CALM												13.3	
	38.0	42.0	6.0	.7								100.0	3.5

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

73-77

YEARS

JUN
MONTH

ALL WEATHER
CLASS

10
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.3										1.3	4.0
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S	.7	7.3	4.0									12.0	5.9
SSW	.7	8.0	10.0	1.3								20.0	7.0
SW	.7	2.0	3.3									6.0	6.8
WSW		2.0	3.3									5.3	6.6
W	2.0	8.7	6.7	1.3								18.7	6.5
WNW	.7	8.7	11.3	.7								21.3	6.9
NW		3.3	7.3	2.0								12.7	8.0
NNW	.7	1.3		.7								2.7	6.5
VARBL												.0	
CALM													
	5.3	42.7	46.0	6.0								100.0	6.8

TOTAL NUMBER OF OBSERVATIONS

150

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

STATION 03112 SAN DIEGO, CALIFORNIA STATION NAME 73-77 YEARS MONTH JUN 13 HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S		2.7	4.0									6.7	7.2
SSW		4.0	16.7	.7								21.3	8.1
SW		1.3	3.3									4.7	6.1
WSW		1.3	6.0									7.3	7.5
W		6.7	15.3	3.3								25.3	8.3
WNW		.7	11.3	6.0								18.0	9.9
NW		1.3	8.0	5.3								14.7	9.7
NNW	.7	.7	.7									2.0	5.7
VARBL												.0	
CALM													
	.7	18.7	65.3	15.3								100.0	8.6

TOTAL NUMBER OF OBSERVATIONS 150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93112
STATION

SAN DIEGO, CALIFORNIA

73-77

STATION NAME

YEARS

JUN
MONTH

ALL WEATHER
CLASS

16
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE		.7										.7	6.0
S		5.3	5.3									10.7	6.6
SSW		4.0	5.3									9.3	6.9
SW		2.7	1.3									4.0	5.8
WSW	1.3	4.0	5.3									10.7	6.3
W	.7	7.3	14.7	.7								23.3	7.4
WNW		4.0	15.3	3.3								22.7	8.5
NW		.7	6.7	8.7								16.0	10.5
NNW		.7	.7	.7								2.0	8.3
VARBL													
CALM												.7	
	2.0	29.3	54.7	13.3								100.0	7.8

TOTAL NUMBER OF OBSERVATIONS

150

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

73-77
YEARS

JUN
MONTH

ALL WEATHER
CLASS

19
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE	.7	.7										1.3	3.0
SSE	1.3	.7										2.0	2.7
S	1.3	5.3	1.3									8.0	4.8
SSW	7.3	4.7										12.0	3.2
SW	.7	3.3										4.0	4.0
WSW	2.7	6.7	.7									10.0	4.5
W	.7	10.0	5.3									16.0	5.6
WNW		13.3	9.3	.7								23.3	6.7
NW		8.7	8.7	1.3								18.7	7.3
NNW		.7	2.7									3.3	7.6
VARBL													
CALM												1.3	
	14.7	54.0	28.0	2.0								100.0	5.5

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

73-77
YEARS

JUN
MONTH

ALL WEATHER
CLASS

22
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	1.3	2.0									4.7	5.4
NNE													
NE													
ENE													
E													
ESE													
SE	1.3	.7										2.0	3.0
SSE	4.0											4.0	2.5
S	4.7	4.0										8.7	3.4
SSW	6.7	2.0										8.7	2.9
SW	4.0	2.0	1.3									7.3	3.7
WSW	4.0	.7										4.7	3.3
W	6.7	8.0										14.7	3.7
WNW	3.3	7.3	1.3									12.0	4.2
NW	2.0	12.7	2.0									16.7	5.2
NNW	1.3	5.3	3.3									10.0	5.9
VARBL													
CALM												6.7	
	39.3	43.3	10.7									100.0	3.9

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

73-77
YEARS

JUL
MONTH

ALL WEATHER
CLASS

01
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.2	1.3										4.5	2.7
NNE			.6									.6	10.0
NE	.6	.6										1.3	3.5
ENE													
E													
ESE	.6	.6										1.3	3.0
SE	.6	.6										1.3	3.5
SSE	3.2	1.3										4.5	3.1
S	8.4	3.2										11.6	2.8
SSW	4.5	2.6										7.1	3.1
SW	6.5	1.9										8.4	3.0
WSW	1.3	2.6										3.9	3.3
W	7.7	1.9										9.7	2.8
WNW	4.5	4.5	1.3									10.3	4.2
NW	5.8	4.5	.6									11.0	3.5
NNW	3.2	6.5										9.7	4.1
VARBL													
CALM												14.8	
	50.3	32.3	2.6									100.0	2.9

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93112
STATION

SAN DIEGO, CALIFORNIA

STATION NAME

73-77

YEARS

JUN

MONTH

ALL WEATHER

CLASS

ALL

HOURS (L.S.T.)

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	2.0	.4									3.8	4.1
NNE	.5	.3										.8	3.6
NE	.2											.2	2.3
ENE	.2											.2	1.5
E	.2											.2	1.5
ESE	.3	.1										.4	2.2
SE	.9	.4										1.3	3.3
SSE	1.8	.7	.1	.1								2.7	3.6
S	2.7	5.3	2.0									10.0	4.9
SSW	3.0	4.2	4.1	.2								11.6	5.6
SW	1.3	1.8	1.2									4.3	5.0
WSW	2.6	2.7	2.2	.1								7.6	4.9
W	2.7	6.6	5.4	.7								15.3	6.0
WNW	1.6	5.3	6.4	1.3								14.7	6.9
NW	1.6	5.2	4.5	2.2								13.4	7.0
NNW	1.7	2.7	1.7	.2								6.3	5.3
VARBL													
CALM												7.1	
	22.7	37.5	27.9	4.7								100.0	5.3

TOTAL NUMBER OF OBSERVATIONS

1200

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

73-77

YEARS

JUL
MONTH

ALL WEATHER
CLASS

04
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.9	5.8										7.7	3.8
NNE		.6										.6	4.0
NE	.6											.6	2.0
ENE	.6											.6	2.0
E	.6											.6	3.0
ESE	.6											.6	2.0
SE	.6											.6	1.0
SSE	2.6	1.3										3.9	3.3
S	5.2	5.8										11.0	3.4
SSW	5.8	2.6										8.4	2.8
SW	5.2	3.2										8.4	3.5
WSW	1.3											1.3	2.5
W	3.9	5.8	.6									10.3	3.9
WNW	3.2	3.2	.6									7.1	3.8
NW	5.2	5.8										11.0	3.4
NNW	1.9	2.6	.6									5.2	4.4
VARB													
CALM												21.9	
	39.4	36.8	1.9									100.0	2.7

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

73-77
YEARS

JUL
MONTH

ALL WEATHER
CLASS

07
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.9	1.3	.6									5.8	3.4
NNE	2.6	1.3										3.9	2.5
NE													
NNE													
E	.6											.6	2.0
ESE		1.3										1.3	5.0
SE	1.9	1.9	.6									4.3	3.6
SSE	6.5	8.4										14.8	3.6
S	6.5	5.2	.6									12.3	3.5
SSW	3.2	1.9	.6									5.8	3.7
SW	1.3	1.3										2.6	3.8
WSW	3.2	1.3										4.3	3.3
W	3.2	4.5	.6									8.4	4.2
WNW	3.2	6.5	1.9									11.6	4.6
NW	5.2	3.9	1.3									10.3	3.8
NNW													
VARBL													
CALA												13.5	
	41.3	38.7	6.5									100.0	3.2

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

73-77
YEARS

JUL
MONTH

ALL WEATHER
CLASS

10
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE		.6										.6	4.0
SSE		1.3	1.3									1.9	6.7
S	1.3	9.7	3.2									14.2	5.7
SSW	1.9	10.3	6.5									18.7	5.9
SW		1.9	3.9									5.8	7.0
WSW		3.9	.6									4.3	5.3
W	.6	9.7	9.7									20.0	6.4
WNW	.6	6.5	12.3	.6								20.0	6.8
NW		2.6	7.1	1.3								11.0	7.9
NNW		1.9	.6									2.6	6.0
VARBL													
CALA												.6	
	4.5	48.4	44.5	1.9								100.0	6.4

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

73-77
YEARS

JUL
MONTH

ALL WEATHER
CLASS

13
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N				.6								.6	11.0
NNE													
NE													
ENE													
E													
ESE													
SE		.6	.6									1.3	6.5
SSE													
S		1.9	3.9									5.8	7.1
SSW		8.4	14.8	.6								23.9	7.3
SW		1.3	2.6									3.9	7.3
WSW	.6	1.9	3.9	.6								7.1	7.3
W		1.9	17.4	1.9								21.3	8.2
WNW		2.6	14.8	9.0								26.5	9.5
NW		.6	6.5	1.3								8.4	9.5
NNW			.6	.6								1.3	9.5
VARBL													
CALM												.0	
	.6	19.4	65.2	14.8								100.0	8.3

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

73-77
YEARS

JUL
MONTH

ALL WEATHER
CLASS

16
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NIE													
ENE													
E													
ESE													
SE													
SSE													
S		4.5	2.6									7.1	6.2
SSW	1.3	6.5	5.8									13.5	6.5
SW		4.5	5.8									10.3	6.8
WSW		6.5	2.6									9.0	6.0
W	1.3	7.7	13.5	.6								25.2	6.9
WNW		3.2	14.2	3.2								20.6	8.5
NW		.6	9.0	2.6								12.3	9.1
NNW			1.9									1.9	9.7
VARBL													
CALM												.0	
	2.6	33.5	57.4	6.5								100.0	7.4

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93112
STATION

SAN DIEGO, CALIFORNIA

73-77

STATION NAME

YEARS

JUL
MONTH

ALL WEATHER
CLASS

19
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N			.6									.6	7.0
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE	.6											.6	2.0
S	3.2	4.5										7.7	3.7
SSW	5.2	5.2										10.3	3.5
SW	.6	8.4	.6									9.7	4.7
WSW	3.2	1.9	.6									5.8	3.9
W	2.6	8.4	2.6									13.5	5.2
WNW	3.2	13.5	5.8									22.6	5.3
NW		12.9	9.0	.6								22.6	6.8
NNW		3.2	1.3									4.5	5.3
VARBL													
CALM												1.9	
	18.7	58.1	20.6	.6								100.0	5.1

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93112
STATION

SAN DIEGO, CALIFORNIA

73-77

STATION NAME

YEARS

JUL
MONTH

ALL WEATHER
CLASS

22
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.6	.6										3.2	2.6
NNE													
NE													
ENE													
E													
ESE	.6											.6	2.0
SE	.6	.6										1.3	3.0
SSE	1.9	.6										2.6	2.8
S	5.8	3.9	.6									10.3	3.6
SSW	5.2	5.8										11.0	3.6
SW	5.8	1.3										7.1	2.7
WSW	3.2	.6	.6									4.5	3.3
W	6.5	3.9	.6									11.0	3.5
WNW	1.3	5.2	.6									7.1	4.4
NW	3.9	13.5	1.9									19.4	4.8
NNW	4.5	5.8	1.9									12.3	4.3
VARBL													
CALM												9.7	
	41.9	41.9	6.5									100.0	3.5

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93112
STATION

SAN DIEGO, CALIFORNIA

STATION NAME

73-77

YEARS

JUL

MONTH

ALL WEATHER

CLASS

ALL

MOORE (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	1.1	.2	.1								2.8	3.6
NNE	.3	.2	.1									.6	3.6
NE	.2	.1										.2	3.0
ENE	.1											.1	2.0
E	.1											.1	3.0
ESE	.3	.1										.4	2.4
SE	.2	.5	.1									.8	4.1
SSE	1.3	.8	.2									2.3	3.6
S	3.8	5.2	1.3									10.3	4.3
SSW	3.8	5.8	3.5	.1								13.1	5.1
SW	2.7	3.1	1.7									7.4	4.7
WSW	1.4	2.3	1.0	.1								4.8	5.0
W	3.2	5.1	5.8	.3								14.4	5.8
WNW	2.0	5.4	6.3	1.6								15.3	6.7
NW	2.3	5.9	4.5	.7								13.4	6.1
NNW	1.9	3.0	1.0	.1								6.0	4.7
VAREL													
CALM												7.8	
	24.9	38.6	25.6	3.0								100.0	4.9

TOTAL NUMBER OF OBSERVATIONS

1240

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

73-77
YEARS

AUG
MONTH

ALL WEATHER
CLASS

01
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.9	9.0	.6									13.5	4.4
NNE	1.3											1.3	2.5
NE													
ENE													
E		.6										.6	4.0
ESE	.6											.6	1.0
SE	.6	.6										1.3	3.0
SSE	1.9	1.9										3.9	4.0
S	2.6	1.9	1.3									5.8	4.4
SSW	1.9	.6	.6									3.2	3.8
SW	5.2	.6										5.8	2.9
WSW	1.9	.6										2.6	3.0
W	2.6	5.8										8.4	3.8
WNW	3.2	3.9										7.1	3.6
NW	3.2	12.9	1.3									17.4	4.5
NNW	2.6	7.7	1.3									11.6	4.4
VARBL													
CALM												16.8	
	31.6	46.5	5.2									100.0	3.3

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

73-77
YEARS

AUG
MONTH

ALL WEATHER
CLASS

04
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	7.7	12.3	.6									20.6	3.8
NNE		1.3										1.3	4.5
NE	.6	.6										1.3	3.5
ENE	1.9											1.9	2.3
E	1.3											1.3	2.0
ESE													
SE	.6	1.3										1.9	4.7
SSE		1.3	.6									1.9	5.0
S	7.1	2.6										9.7	3.1
SSW	3.9	1.3										5.2	3.0
SW	1.9											1.9	2.3
WSW	.6	.6										1.3	3.5
W	1.3	2.6										3.9	4.0
WNW	1.9	3.9	.6									6.5	4.5
NW	4.5	5.2	.6									10.3	4.1
NNW	5.8	9.0	1.3									16.1	4.3
VARBL													
CALM												14.8	
	39.4	41.9	3.9									100.0	3.2

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

73-77
YEARS

AUG
MONTH

ALL WEATHER
CLASS

07
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	5.2	8.4										13.6	3.8
NNE	4.5	.6										5.2	3.0
NE													
ENE													
E	1.9	.6										2.6	2.5
ESE													
SE	.6	1.3										1.9	4.7
SSE	4.5	2.6	1.9									9.1	4.4
S	5.8	1.3	1.9									9.1	4.1
SSW	3.9	1.9										5.8	2.9
SW	1.9											1.9	2.3
WSW	1.3	.6										1.9	2.7
W	3.2	1.9										5.2	3.1
WNW	3.9	5.2	.6									9.7	4.1
NW	2.6	1.9										4.5	3.1
NNW	3.9	6.3	.6									11.0	4.2
VARBL													
CALM												18.2	
	43.5	33.1	5.2									100.0	3.0

TOTAL NUMBER OF OBSERVATIONS

154

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

73-77
YEARS

AUG
MONTH

ALL WEATHER
CLASS

10
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE		.6	.6									1.3	7.5
S	1.3	5.2	3.9	.6								11.0	6.4
SSW		11.0	7.1									18.1	6.3
SW	1.3	1.9										3.2	4.4
WSW		1.3										1.3	4.5
W	3.2	8.4	7.7	.6								20.0	6.1
WNW	1.3	8.4	13.5	.6								23.9	7.0
NW	1.3	3.2	5.8	5.8								16.1	8.8
NNW		.6	1.3	.6								2.6	8.5
VARBL													
CALA												2.6	
	8.4	40.6	40.0	8.4								100.0	6.7

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

73-77
YEARS

AUG
MONTH

ALL WEATHER
CLASS

13
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N			.6									.6	8.0
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE				.6								.6	16.0
S		1.3	1.9									3.2	7.2
SSW		3.2	10.3									13.5	7.5
SW	.6	1.9	3.9	.6								7.1	7.2
WSW		1.3	1.9									3.2	7.4
W		3.9	14.8	3.9								22.6	8.5
WNW		1.3	21.9	7.1								30.3	9.4
NW			5.2	10.3								15.5	11.3
NNW			1.9	1.3								3.2	10.2
VARBL												.0	
CALM													
	.6	12.9	62.6	23.9								100.0	9.0

TOTAL NUMBER OF OBSERVATIONS

155

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

93112
STATION

SAN DIEGO, CALIFORNIA

73-77

STATION NAME

YEARS

AUG
MONTH

ALL WEATHER
CLASS

16
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NIE													
ENE													
E													
ESE													
SE													
SSE	.6		.6									1.3	5.5
S		3.2	5.2	.6								3.9	6.3
SSW		5.2	1.9									10.3	6.8
SW		.6	3.9									2.6	7.0
WSW		3.9	.6									4.5	5.4
W		6.5	13.5	1.9								21.9	7.8
WNW	.6	3.9	18.1	3.2								25.8	8.4
NW		1.9	19.4	3.9								25.2	9.0
NNW		.6	3.2	.6								4.5	8.6
VARBL												.0	
CALM													
	1.3	25.8	62.6	10.3								100.0	8.0

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93112
STATION

SAN DIEGO, CALIFORNIA

STATION NAME

73-77

YEARS

AUG
MONTH

ALL WEATHER
CLASS

19
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.3										1.3	4.0
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE		.6	1.3									1.9	6.7
S	.6	1.3										1.9	4.0
SSW	1.9	4.5										6.5	4.1
SW	1.9											1.9	2.7
WSW	2.6	1.3										3.9	3.7
W	5.2	9.7										14.8	3.9
WNW	1.3	12.9	7.1									21.3	5.9
NW		12.3	23.2	.6	.6							36.8	7.4
NNW		.6	7.1	.6								8.4	8.2
VARBL													
CALM												1.3	
	13.5	44.5	38.7	1.3	.6							100.0	6.0

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

73-77
YEARS

AUG
MONTH

ALL WEATHER
CLASS

22
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		3.9										3.9	4.3
NNE	.6											.6	3.0
NE													
ENE													
E													
ESE													
SE													
SSE	1.3	1.3										2.6	3.3
S	3.2	2.6										5.8	3.4
SSW	5.8	3.2										9.0	3.1
SW	1.9	1.3										3.2	2.6
WSW	2.6											2.6	2.5
W	3.9	5.2										9.0	3.7
WNW	4.5	8.4	.6									13.5	4.2
NW	5.8	16.1	5.8									27.7	4.7
NNW	3.2	7.7	5.8									16.8	5.7
VARBL													
CALM												5.2	
	32.9	49.7	12.3									100.0	4.1

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

73-77
YEARS

AUG
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.1	4.4	.2									6.7	4.0
NNE	.8	.2										1.0	3.2
NE	.1	.1										.2	3.5
ENE	.2											.2	2.3
E	.4	.2										.6	2.6
ESE	.1											.1	1.0
SE	.2	.4										.6	4.3
SSE	1.0	1.0	.6	.1								2.8	5.0
S	2.6	2.4	1.1	.2								6.3	4.7
SSW	2.2	3.9	2.9									9.0	5.4
SW	1.9	.8	.7	.1								3.5	4.4
WSW	1.1	1.2	.3									2.7	4.3
W	2.4	5.5	4.5	.8								13.2	6.1
WNW	2.1	6.0	7.8	1.4								17.3	6.9
NW	2.2	6.7	7.7	2.6	.1							19.2	7.1
NNW	1.9	4.1	2.8	.4								9.3	5.7
VARBL													
CALM												7.3	
	21.4	36.9	28.8	5.5	.1							100.0	5.4

TOTAL NUMBER OF OBSERVATIONS

1239

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

73-77
YEARS

SEP
MONTH

ALL WEATHER
CLASS

01
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.7	5.3	.7									10.7	3.9
NNE	1.3											1.3	2.0
NE		.7										.7	4.0
ENE													
E	1.3											1.3	3.0
ESE	2.0											2.0	2.0
SE			.7									.7	8.0
SSE		2.0	.7									2.7	5.8
S	2.7	1.3										4.0	3.0
SSW	5.3	1.3	1.3									8.0	3.8
SW	2.0	2.7										4.7	3.9
WSW	1.3	3.3										4.7	3.7
W	2.7	2.7										5.3	3.3
WNW	3.3	2.0										5.3	3.1
NW	2.0	6.0	1.3									9.3	4.4
NNW	9.3	6.0	1.3									16.7	3.6
VARBL													
CALM												22.7	
	38.0	33.3	6.0									100.0	2.9

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

73-77

YEARS

SEP
MONTH

ALL WEATHER
CLASS

04

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	7.3	8.7	.7									16.7	3.6
NNE	.7											.7	2.0
NE	.7											.7	3.0
ENE													
E	.7											.7	2.0
ESE													
SE	2.0	1.3										3.3	3.6
SSE	2.7	2.7	1.3									6.7	4.3
S	2.0	2.0										4.0	3.8
SSW	2.0											2.0	2.0
SW	2.7	1.3	.7									4.7	4.0
WSW	.7	.7										1.3	3.5
W	4.7	4.0										8.7	3.4
WNW	2.0	2.0	.7									4.7	4.3
NW	5.3	4.7										10.0	3.6
NNW	4.0	9.3		.7								14.0	4.2
VARB													
CALM												22.0	
	37.3	36.7	3.3	.7								100.0	2.9

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

73-77
YEARS

SEP
MONTH

ALL WEATHER
CLASS

07
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.7	5.3	.7									10.7	3.9
NNE	2.7		.7									3.3	3.2
NIE	1.3											1.3	2.5
ENE													
E	.7											.7	2.0
ESE	2.0											2.0	2.0
SE													
SSE	2.7	2.0	1.3									6.0	4.3
S	7.3	4.7	.7									12.7	3.4
SSW	2.7											2.7	2.8
SW	1.3											1.3	2.5
WSW	1.3	1.3										2.7	2.8
W	4.0	2.0	1.3									7.3	4.0
WNW	2.0	1.3		.7								4.0	5.2
NW	2.7	6.0	.7									9.3	4.5
NNW	3.3	6.0	.7									10.0	4.5
VARBL													
CALM												26.0	
	38.7	28.7	6.0	.7								100.0	2.8

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

73-77
YEARS

SEP
MONTH

10
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7		1.3									2.0	5.3
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE		3.3										3.3	5.8
S	4.0	6.0	1.3									11.3	4.3
SSW	2.0	10.7	.7	.7								14.0	5.3
SW		3.3	2.7									6.0	6.7
WSW	1.3	.7										2.0	3.0
W	1.3	6.7	.7									10.7	4.8
WNW		12.0	10.7	.7								23.3	6.7
NW		6.7	12.0									18.7	7.3
NNW	.7	2.0	3.3									6.0	6.3
VARBL													
CALM												2.7	
	10.0	53.3	32.7	1.3								100.0	5.8

TOTAL NUMBER OF OBSERVATIONS

150

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

73-77
YEARS

SEP
MONTH

ALL WEATHER
CLASS

13
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.7										.7	4.0
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S		2.7	2.0									4.7	7.3
SSW	.7	1.3	6.0									8.0	7.0
SW		.7	3.3	.7								4.7	8.3
WSW		4.0	.7									4.7	6.0
W	1.3	6.0	16.0	.7								24.0	7.6
WNW		4.7	22.0	4.7								31.3	8.7
NW		2.0	9.3	8.0								19.3	10.0
NNW				2.0								2.0	12.0
VARB													
CALM												.7	
	2.0	22.0	59.3	16.0								100.0	8.3

TOTAL NUMBER OF OBSERVATIONS

150

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

73-77
YEARS

SEP
MONTH

ALL WEATHER
CLASS

16
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE	.7											.7	3.0
S	.7	2.0	2.7	.7								6.0	7.0
SSW	.7	4.0	2.7									7.3	5.9
SW		.7	1.3									2.0	6.3
WSW		2.7	.7									3.3	6.2
W		8.0	13.3	.7								22.0	7.0
WNW		8.0	15.3	7.3								30.7	8.4
NW		2.7	16.0	4.0								22.7	8.9
NNW	.7	.7	2.0	2.0								5.3	8.9
VARBL													
CALM												.0	
	2.7	28.7	54.0	14.7								100.0	7.8

TOTAL NUMBER OF OBSERVATIONS

150

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

STATION 03112 SAN DIEGO, CALIFORNIA STATION NAME 73-77 YEARS SEP NORTH 19 HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	.7	.7	.7								2.7	6.8
NNE													
NE													
ENE													
E													
ESE													
SE	.7	.7										.7	6.0
SSE	1.3	1.3										2.7	3.5
S	2.7	2.0	.7	.7								6.0	5.2
SSW	2.7	2.7										5.3	3.5
SW	2.0	1.3										3.3	3.4
WSW	3.3	3.3										6.7	3.7
W	1.3	1.3	.7									3.3	4.8
WNW	2.7	12.0	3.3									18.0	5.1
NW	1.3	18.0	14.0	.7								34.0	6.4
NNW	2.0	6.0	4.7									12.7	5.9
VARBL													
CALM												4.7	
	20.0	49.3	24.0	2.0								100.0	5.2

TOTAL NUMBER OF OBSERVATIONS

150

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

73-77
YEARS

SEP
MONTH

ALL WEATHER
CLASS

22
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.3	4.0	1.3									8.7	4.4
NNE		.7										.7	5.0
NE	.7											.7	2.0
ENE													
E													
ESE	.7											.7	2.0
SE	.7	.7										1.3	3.0
SSE	2.0	1.3	.7									4.0	4.3
S	4.0	2.7	.7									7.3	3.4
SSW	2.7	.7										3.3	3.0
SW		3.3										3.3	4.2
WSW	1.3	.7										2.0	3.3
W	4.0	4.0	.7									8.7	3.6
WNW	2.0	4.0										6.0	3.9
NW	4.7	12.7	4.0									21.3	4.7
NNW	4.0	6.7	1.3									12.0	4.3
VARBL													
CALM												20.0	
	30.0	41.3	8.7									100.0	3.3

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

73-77
YEAR

SEP
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.7	3.1	.7	.1								6.5	4.1
NNE	.6	.1	.1									.7	3.0
NE	.3	.1										.4	2.8
ENE													
E	.3											.3	2.5
ESE	.6											.6	2.0
SE	.3	.3	.1									.7	4.2
SSE	1.2	1.6	.5									3.2	4.6
S	2.9	2.9	1.0	.2								7.0	4.5
SSW	2.3	2.6	1.3	.1								6.3	4.8
SW	1.0	1.7	1.0	.1								3.7	5.2
WSW	1.2	2.1	.2									3.4	4.2
W	2.4	4.6	4.1	.2								11.2	5.7
WNW	1.5	5.7	6.5	1.7								15.4	7.0
NW	2.0	7.3	7.2	1.6								18.1	6.7
NNW	3.0	4.6	1.7	.6								9.8	5.1
VARBL													
CALM												12.3	
	22.3	36.7	24.2	4.4								100.0	4.9

TOTAL NUMBER OF OBSERVATIONS

1200

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93112
STATION

SAN DIEGO, CALIFORNIA

STATION NAME

73-77

YEARS

OCT
MONTH

ALL WEATHER
CLASS

01
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	5.8	5.8										11.6	3.6
NNE	1.3											1.3	3.0
NE	1.3											1.3	2.0
ENE													
E	3.9	1.3										5.2	2.8
ESE	2.6	.6										3.2	2.6
SE	1.3	.6										1.9	3.3
SSE	.6	1.3										1.9	3.3
S	1.3	1.3	.6									3.2	4.2
SSW		.6										.6	4.0
SW	.6	.6	.6									1.9	5.0
WSW	1.9	.6										2.6	3.3
W	.6	3.2		.6								4.5	5.7
WNW	2.6											2.6	2.0
NW	2.6	3.2	3.2									9.0	5.1
NNW	3.2	3.9	.6									7.7	3.9
VARBL													
CALM												41.3	
	29.7	23.2	5.2	.6								100.0	2.3

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

73-77
YEARS

OCT
MONTH

ALL WEATHER
CLASS

04
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	5.2	5.2	1.3									11.6	4.2
NNE	1.9	1.3										3.2	2.8
NE	1.3											1.3	2.0
ENE	.6											.6	2.0
E	7.1	1.9										9.0	2.6
ESE	5.2	1.3										6.5	2.8
SE	.6	.6										1.3	2.5
SSE	1.3	.6										1.9	3.0
S	1.3	.6	.6									2.6	3.8
SSW	1.9	1.9										3.9	3.7
SW	1.3											1.3	2.0
WSW	1.3	.6										1.9	3.3
W	1.3		2.6									3.9	6.2
WNW	3.2	1.9	.6									5.8	4.1
NW		1.9	.6									2.6	4.8
NNW	1.3	3.9	.6									5.8	4.3
VABBL													
CALM												36.8	
	34.8	21.9	6.5									100.0	2.3

TOTAL NUMBER OF OBSERVATIONS

155

SURFACE WINDS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

73-77
YEARS

OCT
MONTH

ALL WEATHER
CLASS

07
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	5.2	5.8										11.0	3.5
NNE	2.6	1.9										4.5	3.4
NE	1.3											1.3	3.0
ENE	1.3	1.3										2.6	4.0
E	3.2	2.6										5.8	2.8
ESE	4.5	1.3										5.8	3.0
SE	1.9		.6									2.6	4.0
SSE	2.6	1.9		.6								5.2	4.8
S	.6	1.3										1.9	3.3
SSW	3.2	1.3										4.5	2.9
SW													
WSW		1.3										1.3	4.0
W	2.6	3.2		.6								6.5	4.5
WNW	.6	1.3	.6									2.6	5.0
NW	.6	1.3	.6									2.6	4.8
NNW	.6	3.2										3.9	3.8
VARBL													
CALM												38.1	
	31.0	27.7	1.9	1.3								100.0	2.3

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93112
STATION

SAN DIEGO, CALIFORNIA

73-77

STATION NAME

YEARS

0CT
MONTH

ALL WEATHER
CLASS

10
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	2.6	2.6									6.5	5.5
NNE													
NE													
ENE	1.3											1.3	2.0
E													
ESE													
SE													
SSE	.6	4.5										5.2	4.1
S	3.2	12.3	1.3									16.8	4.3
SSW	2.6	8.4	1.9	.6								13.5	5.4
SW	.6	1.9	1.3									3.9	6.0
WSW			1.3									1.3	8.5
W	1.9	3.2	3.9									9.0	5.7
WNW	.6	7.1	3.9	.6								12.3	6.5
NW	1.3	10.3	5.8									17.4	5.9
NNW	1.9	3.2	1.9	.6								7.7	5.5
VARBL													
CALM												5.2	
	15.5	53.5	23.9	1.9								100.0	5.2

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

73-77
YEARS

OCT
MONTH

ALL WEATHER
CLASS

13
HOURS (U.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.6										.6	6.0
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S	.6	1.9										2.6	5.3
SSW		2.6	5.2									7.7	7.8
SW		.6	1.3									1.9	7.3
WSW	.6	1.3	3.9									5.8	7.1
W		4.5	13.5	4.5								22.6	8.8
WNW		3.2	17.4	10.3								31.0	9.4
NW		.6	11.0	9.7								21.3	10.5
NNW			1.9	3.2								5.2	10.3
VARBL													
CALM												1.3	
	1.3	15.5	54.2	27.7								100.0	9.0

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

73-77

YEARS

OCT
MONTH

ALL WEATHER
CLASS

16

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S		2.6	1.3									3.9	5.7
SSW		5.8	.6									6.5	5.5
SW		.6										.6	6.0
WSW		2.6	1.9									4.5	6.4
W	1.3	7.7	11.0	.6								20.6	6.7
WNW		2.6	16.1	1.9								22.6	8.6
NW		2.6	19.4	8.4								30.3	9.3
NNW		.6	5.8	4.5								11.0	10.1
VARB													
CALM												.0	
	1.3	25.2	58.1	15.5								100.0	8.2

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

73-77

YEARS

OCT
MONTH

ALL WEATHER
CLASS

19
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.6	5.8	.6									9.0	4.1
NNE		.6										.6	5.0
NE													
ENE													
E	1.3												
ESE												1.3	2.5
SE	.6	.6											
SSE		1.3										1.3	3.5
S	2.6	1.3										1.3	5.0
SSW		1.9										3.9	3.0
SW	1.3	.6										1.9	5.0
WSW	5.8	1.3										1.9	2.7
W	1.9	2.6		1.3								7.1	2.6
WNW	3.2	4.5	3.2	.6								5.8	6.0
NW	4.5	13.5	8.4									11.6	5.4
NNW	3.2	11.0	1.9	.6								26.5	5.6
VARBL												16.8	5.2
CALM												11.0	
	27.1	45.2	14.2	2.6								100.0	4.3

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93112
STATION

SAN DIEGO, CALIFORNIA

73-77

STATION NAME

YEARS

GCT
MONTH

ALL WEATHER
CLASS

22
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.9	8.4	1.9									14.2	4.6
NNE	3.9											3.9	2.3
NE													
NNE													
E	2.6											2.6	2.5
ESE	1.3											1.3	2.5
SE	2.6	1.3										3.9	2.8
SSE	1.3	.6	.6									2.6	4.3
S	1.3											1.3	2.5
SSW	.6	1.9										2.6	4.3
SW	1.3											1.3	1.5
WSW	1.3	.6										1.9	3.0
W	1.9	1.3		1.3								4.5	6.3
WNW	3.2	4.5	1.3									9.0	4.8
NW	4.5	3.2	2.6									10.3	4.8
NNW	3.9	3.9										7.7	3.3
VARBL													
CALA												32.9	
	33.5	25.8	6.5	1.3								100.0	2.7

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

73-77
YEARS

OCT
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.0	4.3	.8									8.1	4.2
NNE	1.2	.5										1.7	3.0
NE	.5											.5	2.3
ENE	.4	.2										.6	3.1
E	2.3	.7										3.0	2.6
ESE	1.7	.4										2.1	2.8
SE	.9	.4	.1									1.4	3.2
SSE	.8	1.3	.1	.1								2.3	4.2
S	1.4	2.7	.5									4.5	4.2
SSW	1.0	3.1	1.0	.1								5.2	5.3
SW	.6	.6	.4									1.6	4.7
WSW	1.4	1.0	.9									3.3	4.8
W	1.5	3.2	3.9	1.1								9.7	6.8
WNW	1.7	3.1	5.6	1.7								12.2	7.3
NW	1.7	4.6	6.5	2.3								15.0	7.3
NNW	1.8	3.7	1.6	1.1								8.2	5.9
VARB													
CALM												20.8	
	21.8	29.8	21.3	6.4								100.0	4.5

TOTAL NUMBER OF OBSERVATIONS

1240

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

73-77
YEARS

NOV
MONTH

ALL WEATHER
CLASS

01
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.7	4.7	.7									8.0	3.7
NNE	1.3											1.3	2.0
NE	.7	.7										1.3	3.5
ENE	.7											.7	1.0
E	8.7	2.0										10.7	2.4
ESE	3.3	2.0										5.3	2.9
SE	.7	2.0										2.7	5.3
SSE	1.3	.7	.7									2.7	4.3
S	2.0	1.3	1.3									4.7	5.1
SSW	1.3	1.3	1.3	.7								3.3	8.2
SW	.7	.7										1.3	2.5
WSW				.7								.7	12.0
W	.7			.7								1.3	7.5
WNW	.7		.7	1.3	.7							3.3	12.2
NW	.7											.7	3.0
NNW	2.0	2.0	.7									4.7	3.7
VARBL													
CALM												47.3	
	26.0	17.3	5.3	3.3	.7							100.0	2.4

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

73-77
YEARS

NOV
MONTH

ALL WEATHER
CLASS

04
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	5.3	1.3										6.7	2.9
NNE	.7											.7	2.0
NE													
ENE		.7										.7	4.0
E	4.0	4.0										8.0	3.3
ESE	4.0	1.3	.7									6.0	3.4
SE	.7	1.3	.7									2.7	5.0
SSE	.7											.7	3.0
S	.7	.7	2.0									3.3	6.8
SSW			.7									.7	8.0
SW	.7	.7										1.3	4.0
WSW	2.0											2.0	2.3
W	.7			.7								1.3	9.0
WNW	.7	1.3	.7	.7								4.0	6.7
NW													
NNW	1.3	2.7										4.0	3.8
VARBL													
CALM												56.0	
	21.3	14.0	4.7	1.3	.7							100.0	1.9

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

73-77

YEARS

NOV
MONTH

ALL WEATHER
CLASS

07
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.3	3.3										6.7	3.2
NNE	4.0	.7										4.7	2.6
NE	1.3	.7	.7									2.7	4.5
ENE	4.0	.7	.7									5.3	3.6
E	6.0	2.7										8.7	2.7
ESE	3.3	2.0										5.3	2.9
SE	3.3	.7	2.0									6.0	4.2
SSE	2.0											2.0	2.3
S		.7										.7	6.0
SSW												1.3	7.5
SW			1.3									.7	10.0
WSW			.7									2.0	8.3
W	.7			1.3								3.3	3.6
WNW	1.3	1.3	.7									2.0	2.7
NW	1.3	.7										.7	6.0
NNW		.7										48.0	
VARBL												100.0	1.9
CALM													
	30.7	14.0	6.0	1.3									

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

73-77
YEARS

NOV
MONTH

ALL WEATHER
CLASS

10
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	5.3	2.7										8.0	3.3
NNE		1.3										1.3	4.5
NE	.7											.7	2.0
ENE													
E	.7		.7									1.3	6.5
ESE	.7	2.0										2.7	4.0
SE	.7	2.0										2.7	3.8
SSE	2.0	1.3	1.3									4.7	4.9
S	10.0	7.3	.7									18.0	3.7
SSW	1.3	5.3	1.3									8.0	4.9
SW	2.0	1.3	.7									4.0	4.2
WSW	.7		.7	.7								1.3	11.5
W	2.0	1.3	2.0	1.3								4.0	8.7
WNW	2.0	1.3	1.3	.7								5.3	5.9
NW	3.3	4.0	1.3									8.7	4.5
NNW	6.0	4.0	1.3									11.3	4.0
VARBL													
CALM												18.0	
	35.3	32.7	11.3	2.7								100.0	3.7

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93112
STATION

SAN DIEGO, CALIFORNIA

73-77

STATION NAME

YEARS

NOV

MONTH

ALL WEATHER
CLASS

13

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE		.7										.7	5.0
NE													
ENE													
E													
ESE			.7									.7	7.0
SE													
SSE													
S	1.3	5.3	2.0	.7								9.3	5.7
SSW		4.7	4.7	.7								10.0	7.0
SW		.7	2.0									2.7	7.0
WSW	.7	4.0	2.0	1.3								8.0	6.8
W		4.7	8.7	2.0								15.3	7.9
WNW		4.7	10.7	4.0								19.3	8.6
NW		3.3	14.0	7.3								24.7	9.5
NNW	1.3	.7	4.7	1.3	.7							8.7	9.2
VARBL													
CALM												.7	
	3.3	28.7	49.3	17.3	.7							100.0	8.1

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

73-77

YEARS

NOV
MONTH

ALL WEATHER
CLASS

16
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N			.7									.7	10.0
NNE													
NE													
ENE		.7										.7	5.0
E		.7										.7	4.0
ESE													
SE													
SSE													
S	3.3	2.7	1.3	1.3								8.7	5.2
SSW	1.3	4.0	2.7	.7								8.7	6.0
SW	.7	.7	2.0									3.3	6.6
WSW	1.3	2.0	2.0	.7								6.0	6.6
W	.7	4.0	6.0									10.7	6.8
WNW	.7	2.0	9.3	2.0								14.0	8.4
NW	.7	1.3	16.0	4.0								22.0	8.5
NNW	1.3	4.0	11.3	7.3								24.0	9.0
VARBL													
CALM												.7	
	10.0	22.0	51.3	16.0								100.0	7.7

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93112
STATION

SAN DIEGO, CALIFORNIA

73-77

STATION NAME

YEARS

NOV

MONTH

ALL WEATHER

CLASS

19

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	5.3	8.7	1.3									15.3	4.2
NNE		.7										.7	4.0
NE	.7		.7									1.3	5.5
ENE													
E	2.0											2.0	1.7
ESE		.7										.7	6.0
SE	.7											.7	3.0
SSE	1.3	2.0										3.3	3.6
S	2.0	1.3	.7									4.0	4.0
SSW		.7	1.3									2.0	8.0
SW		.7	.7									1.3	6.0
WSW	2.7											2.7	2.3
W	4.7	2.0	1.3	2.0								10.0	5.9
WNW	3.3	2.7			.7							6.7	5.0
NW	2.0	6.0	.7									8.7	4.5
NNW	2.0	8.0	1.3									11.3	4.8
VARBL													
CALA												29.3	
	26.7	33.3	8.0	2.0	.7							100.0	3.3

TOTAL NUMBER OF OBSERVATIONS

150

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

5702 SURFACE WINDS JAN 78

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

73-77

YEARS

NOV
MONTH

ALL WEATHER
CLASS

22
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	9.3	2.0										11.3	2.5
NNE	1.3	1.3										2.7	3.8
NE	.7											.7	1.0
ENE	1.3											1.3	2.0
E	6.7	1.3										8.0	2.7
ESE		1.3										1.3	4.5
SE	2.7	.7										3.3	2.2
SSE	.7	2.0	1.3									4.0	5.3
S	1.3	.7	2.0	.7								4.7	7.1
SSW		2.0	.7									2.7	6.0
SW													
WSW	.7	.7										1.3	3.0
W	2.0		1.3	.7								4.0	6.5
WNW		.7			1.3	.7						2.7	16.5
NW	.7	.7										1.3	3.0
NNW	5.3	3.3										8.7	3.2
VARBL													
CALM												42.0	
	32.7	16.7	5.3	1.3	1.3	.7						100.0	2.5

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

73-77

YEARS

NOV
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNOTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.9	2.8	.3									7.1	3.5
NNE	.9	.6										1.5	3.2
NE	.5	.2	.2									.8	3.9
ENE	.7	.2	.1									1.1	3.3
E	3.5	1.3	.1									4.9	2.8
ESE	1.4	1.2	.2									2.7	3.5
SE	1.1	.6	.3									2.2	4.0
SSE	1.0	.7	.4									2.2	4.3
S	2.6	2.5	1.2	.3								6.7	5.0
SSW	.3	2.2	1.6	.2								4.4	6.4
SW	.5	.6	.8									1.9	5.5
WSW	.9	.8	.7	.4								2.8	6.1
W	1.2	1.3	2.4	1.1								6.1	7.2
WNW	1.1	1.7	2.9	1.1	.4	.1						7.3	8.2
NW	1.1	2.0	4.0	1.4								8.5	7.5
NNW	2.4	3.2	2.4	1.1	.1							9.2	6.3
VARBL													
CALM												30.5	
	23.2	22.3	17.7	5.7	.5	.1						100.0	3.9

TOTAL NUMBER OF OBSERVATIONS

1200

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93112
STATION

SAN DIEGO, CALIFORNIA

STATION NAME

73-77

YEARS

DEC

MONTH

ALL WEATHER

CLASS

01

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.6	2.6	.6									5.8	3.6
NNE	3.2											3.2	2.4
NE	.6											.6	2.0
ENE	2.6											2.6	2.3
E	8.4	1.9										10.3	2.3
ESE	5.8	4.3		.6								11.0	3.9
SE	1.9		.6			.6						3.2	7.6
SSE		.6										.6	6.0
S	2.6	.6										3.2	2.8
SSW	.6	.6	.6	.6								2.6	7.5
SW		.6										.6	6.0
WSW			.6									.6	8.0
W	2.6											2.6	2.8
WNW	.6											.6	3.0
NW	.6	.6										1.3	4.0
NNW	1.3	1.3										2.6	4.0
VARB													
CALM												48.4	
	33.5	13.5	2.6	1.3		.6						100.0	1.9

TOTAL NUMBER OF OBSERVATIONS

135

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

73-77
YEARS

DEC
MONTH

ALL WEATHER
CLASS

04
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.6	3.9										6.5	3.6
NNE	3.2											3.2	2.8
NIE	.6	1.9										2.6	3.5
ENE	1.9											1.9	2.0
E	12.3	5.2										17.4	3.0
ESE	3.2	3.9	.6	1.3								9.0	3.4
SE	.6			.6								1.3	8.5
SSE		1.3	.6									1.3	4.5
S	.6	.6	.6	.6								2.6	6.3
SSW													
SW													
WSW		.6										.6	6.0
W													
WNW													
NW	1.3	.6										1.9	3.0
NNW	3.2	.6		.6								4.5	4.1
VARBL												47.1	
CALM												100.0	2.1
	29.7	18.7	1.3	3.2									

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

73-77
YEARS

DEC
MONTH

ALL WEATHER
CLASS

07
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.6	1.9	.6									5.2	3.9
NNE	3.2	1.3										4.5	3.1
NE	.6	.6										1.3	3.5
ENE	5.2											5.2	2.0
E	7.7	4.5	.6									12.9	3.3
ESE	5.2	2.6										7.7	3.3
SE	1.3	1.9			.6							3.9	5.7
SSE	.6											.6	2.0
S	.6											.6	2.0
SSW		.6										.6	4.0
SW	.6	.6										1.3	4.0
WSW		.6										.6	5.0
W	.6	.6										1.3	3.5
WNW				.6								.6	12.0
NW		.6										.6	4.0
NNW	.6											.6	3.0
VARBL													
CALM												52.3	
	29.0	16.1	1.3	.6	.6							100.0	1.7

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

73-77
YEARS

DEC
MONTH

ALL WEATHER
CLASS

10
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	1.3	.6									3.2	5.2
NNE	1.3	.6										1.9	3.3
NE													
ENE													
E	2.6	.6										3.2	2.4
ESE	1.3	1.3	.6									3.2	4.4
SE	3.2	3.9										7.1	3.5
SSE	5.8	2.6	2.6									11.0	4.3
S	3.9	1.9	1.3									7.1	4.1
SSW	1.9	.6										2.6	2.5
SW	.6											.6	3.0
WSW	2.6											2.6	2.5
W	1.3	.6	.6									2.6	4.8
WNW	1.9	1.3		1.9								5.2	6.9
NW	4.5	.6	.6									5.3	3.1
NNW	4.5	3.2	.6	.6								9.0	4.1
VARBL													
CALM												34.8	
	36.8	18.7	7.1	2.6								100.0	2.6

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

73-77
YEARS

DEC
MONTH

13
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.6										.6	5.0
NNE													
NE													
ENE													
E													
ESE	.6		.6									1.3	5.0
SE													
SSE		.6										.6	4.0
S	1.3	6.5	1.3	1.3								10.3	6.3
SSW	2.6	7.7	5.8									16.1	6.0
SW		1.9	1.3	1.3								3.2	9.4
WSW	.6	1.3	1.3									3.2	5.6
W	.6	9.0	7.7	1.3								18.7	7.0
WNW	.6	3.9	10.3	2.6								17.4	8.0
NW	.6	3.2	12.3	3.2								19.4	8.4
NNW	1.9	3.2	2.6	1.3								9.0	6.2
VARBL													
CALM												.0	
	9.0	36.1	43.9	11.0								100.0	7.1

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

73-77
YEARS

DEC
MONTH

ALL WEATHER
CLASS

16
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.3	1.3									2.6	7.5
NNE			.6									.6	8.0
NIE													
ENE													
E			.6									.6	7.0
ESE													
SE		.6										.6	4.0
SSE	.6	1.3		.6								2.6	6.5
S	.6	3.9	1.3									5.8	5.2
SSW	1.3	2.6	1.3									5.2	4.8
SW	1.9	2.6	.6	.6								5.8	5.6
WSW	.6	1.9	.6									3.2	5.2
W	2.6	7.1	3.2									12.9	5.5
WNW	1.3	8.4	7.1	1.3								18.1	6.8
NW	.6	6.5	14.8	5.2								27.1	8.7
NNW	1.3	3.2	4.5	1.9								11.0	7.8
VARBL													
CALM												3.9	
	11.0	39.4	36.1	9.7								100.0	6.7

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93112
STATION

SAN DIEGO, CALIFORNIA

STATION NAME

73-77

YEARS

DEC
MONTH

ALL WEATHER
CLASS

19
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	5.2	11.0	1.3									17.4	4.3
NNE	3.9	1.3										5.2	2.8
NE	.6											.6	3.0
ENE	.6											.6	1.0
E	1.9	.6										2.6	2.8
ESE	2.6		.6									3.2	3.2
SE		.6	.6									1.3	6.0
SSE	.6	1.3										1.9	4.0
S	.6	3.2	1.3									3.9	4.8
SSW	3.2	1.9	1.3									6.5	4.4
SW	.6	.6										1.3	2.5
WSW	1.9		.6									2.6	3.8
W	.6	.6	.6	.6								1.9	6.7
WNW	.6	.6	.6	.6								2.6	7.3
NW	1.9	2.6										4.5	4.0
NNW	3.2	8.4	.6									12.3	4.1
VARBL													
CALM												31.6	
	28.4	32.9	5.8	1.3								100.0	2.8

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

73-77
YEARS

DEC
MONTH

ALL WEATHER
CLASS

22
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.5	1.9	.6									7.1	3.5
NNE	1.3											1.3	2.5
NE		1.3	.6									1.9	6.3
ENE		1.3										1.3	4.0
E	8.4	3.2										11.6	2.8
ESE	7.7	.6										8.4	2.5
SE	1.9	1.9										3.9	4.0
SSE		1.3		.6								1.9	6.7
S		3.2	1.3									4.5	5.7
SSW	.6	1.3										1.9	3.7
SW	.6											.6	3.0
WSW	1.3		1.3									2.6	5.5
W	1.3			.6								1.9	6.0
WNW			.6	.6								1.3	11.0
NW	1.3											1.3	2.0
NNW	2.6	.6										3.2	2.6
VARBL													
CALM												45.2	
	31.6	16.8	4.5	1.9								100.0	2.1

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

73-77
YEARS

DEC
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.3	3.1	.6									6.0	4.2
NNE	2.0	.4	.1									2.5	3.0
NE	.3	.5	.1									.9	4.1
ENE	1.3	.2										1.5	2.2
E	5.2	2.0	.2									7.3	2.9
ESE	3.3	1.6	.3	.2								5.5	3.8
SE	1.1	1.1	.2	.1	.1	.1						2.7	5.1
SSE	1.0	1.1	.3	.2								2.6	4.8
S	1.3	2.5	.7	.2								4.8	5.1
SSW	1.3	1.9	1.1	.1								4.4	5.2
SW	.6	.6	.3	.2								1.7	5.8
WSW	.9	.6	.6									2.0	4.8
W	1.2	2.3	1.5	.3								5.2	6.0
WNW	.6	1.8	2.3	1.0								5.7	7.4
NW	1.4	1.9	3.5	1.0								7.7	7.3
NNW	2.3	2.6	1.0	.6								6.5	5.1
VABL													
CALM												32.9	
	26.1	24.0	12.8	4.0	.1	.1						100.0	3.4

TOTAL NUMBER OF OBSERVATIONS

1240

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

73-77
YEARS

ALL
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.4	2.7	.4	.0								5.5	4.0
NNE	.9	.4	.0	.0								1.3	3.4
NE	.3	.1	.0	.0								.3	3.8
ENE	.5	.1	.0									.7	2.7
E	2.3	.7	.1	.0								3.1	2.9
ESE	1.4	.7	.2	.1								2.4	3.6
SE	.7	.8	.2	.0	.0	.0						1.8	4.5
SSE	1.2	1.1	.4	.2	.0							2.9	4.9
S	2.2	3.3	1.4	.3	.0							7.3	5.1
SSW	1.7	3.0	2.3	.2	.0	.0						7.3	5.7
SW	1.3	1.4	1.1	.2								3.9	5.2
WSW	1.3	1.7	1.1	.2		.0						4.4	5.4
W	1.9	4.0	4.3	1.0	.1	.0						11.3	6.6
WNW	1.4	3.6	4.8	1.6	.1	.0						11.7	7.4
NW	1.5	3.8	4.5	1.6	.0							11.5	7.1
NNW	1.9	2.8	1.7	.6	.0							7.0	5.7
VARBL													
CALM												17.5	
	22.9	30.3	22.6	6.2	.4	.0						100.0	4.8

TOTAL NUMBER OF OBSERVATIONS

14607

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

93112
STATION

SAN DIEGO, CALIFORNIA

STATION NAME

73-77

YEARS

ALL
MONTH

INSTRUMENT

CLASS

CIG 200 TO 1400 FT W/VSBY 1/2 MI OR MORE,

CONDITION

AND/OR VSBY 1/2 TO 2-1/2 MI W/CIG 200 FT OR MORE

ALL
HOURS (L.S.T.)

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.0	3.3	.3									6.6	3.7
NNE	.9	.6	.0									1.5	3.3
NE	.3	.2										.5	2.9
ENE	.4	.0										.4	2.2
E	1.3	.4										1.7	2.8
ESE	1.2	.4	.0	.0								1.7	3.1
SE	.9	1.1	.1		.1							2.2	4.3
SSE	1.9	1.5	.7	.3	.0							4.4	5.0
S	4.1	5.4	1.2	.5								11.1	4.6
SSW	3.7	4.1	1.6	.1								9.5	4.5
SW	2.6	2.0	.7	.1								5.5	4.2
WSW	1.9	1.8	.4	.2		.0						4.2	4.4
W	3.2	4.8	1.6	.3	.1							10.0	5.0
WNW	2.1	4.0	2.7	.3								9.1	5.5
NW	2.2	5.3	2.7	.2								10.4	5.4
NNW	2.4	3.7	1.0	.2								7.3	4.7
VARBL													
CALM												13.8	
	32.0	38.6	13.1	2.2	.2	.0						100.0	4.0

TOTAL NUMBER OF OBSERVATIONS

3027

DIP*JAVOCEANMET SMOS

NWSD, Federal Building
Asheville, N. C.

PART D CEILING VERSUS VISIBILITY

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from 3-hourly observations, and three sets of tables are presented as follows:

1. Annual - all years and all hours combined
2. By month - all years and all hours combined
3. By month - by standard 3-hour groups

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on pages 2 and 3 below.

U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier period and data subsequent to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1949 for these stations will be eliminated from the summary. For Air Force stations, the "no ceiling" category includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1948. Beginning in July 1948 for Air Force stations and January 1949 for USWB and U. S. Navy stations the "no ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque.

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	$\geq 2\frac{1}{2}$	≥ 2	$\geq 1\frac{1}{2}$	$\geq 1\frac{1}{4}$	≥ 1	$\geq \frac{3}{4}$	$\geq \frac{1}{2}$	≥ 0
NO CEILING													
≥ 1800													92.6
≥ 1500					91.0								
≥ 1200													
≥ 1000													
≥ 900													
≥ 800													
≥ 700													
≥ 600													
≥ 500										97.4			98.1
≥ 400													
≥ 300													
≥ 200													
≥ 100													
0					95.4		96.9			98.3			100.0

EXAMPLE # 1 Read ceiling values independently of visibility under column at right headed ≥ 0 .
For instance, from the table: Ceiling ≥ 1500 feet = 92.6%.

Ceiling ≥ 500 feet = 98.1%.

EXAMPLE # 2 Read visibilities independently of ceilings on bottom line opposite ≥ 0 . From the table:
Visibility ≥ 3 miles = 95.4%.

Visibility ≥ 2 miles = 96.9%.

Visibility ≥ 1 mile = 98.3%.

EXAMPLE # 3 To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling ≥ 1500 feet with visibility ≥ 3 miles = 91.0%.

PART D

ADDITIONAL EXAMPLES

EXAMPLE # 4

Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%.

Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

EXAMPLE # 5

To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 91.0 read from the table at the intersection of ≥ 1500 feet with > 3 miles, subtracted from 97.4 read from the table at the intersection of ≥ 500 feet with > 1 mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: "ceiling ≥ 500 feet with visibility ≥ 1 mile, but < 3 miles; or ceiling ≥ 500 feet, but < 1500 feet with visibility ≥ 1 mile."

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

PART D

SKY COVER

This summary is prepared from 3-hourly observations and is a percentage frequency distribution of total sky cover by tenths, plus mean sky cover, and total number of observations. It is presented in two tables as follows:

1. By month and annual - all hours and all years combined.
2. By month - by standard 3-hour groups.

NOTE: # 1: Sky cover (total cloud amount) was not reported by U. S. Services until mid 1945. Data, when available, were punched for Air Force stations beginning in 1946, but were not available for Navy stations until 1948 or 1949. Weather Bureau stations recorded total cloud amount in remarks beginning sometime in 1945, but few stations have punched data prior to 1948. This summary will, of course, be limited to period of available data.

NOTE: # 2: Some sources of punched data used for this summary report cloud amounts in oktas. These have been converted to tenths prior to summarizing, and notation is made on the form to indicate that data were originally reported in oktas. The manner of conversion is given below:

OKTAS

0
1
2
3
4
5
6
7
8 (or obscured)

TENTHS

0
1
3
4
5
6
8
9
10

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

73-77

YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

01
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½
NO CEILING	41.3	60.7	65.8	66.5	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 20000	43.2	62.6	67.7	68.4	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 18000	43.2	62.6	67.7	68.4	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 16000	43.2	62.6	67.7	68.4	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 14000	43.2	62.6	67.7	68.4	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 12000	43.9	63.2	68.4	69.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 10000	43.9	63.9	69.0	69.7	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 9000	44.5	64.5	69.7	70.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 8000	44.5	66.5	71.6	72.3	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 7000	45.8	68.4	73.6	74.2	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 6000	45.8	68.4	73.6	74.2	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 5000	45.8	68.4	73.6	74.2	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 4500	48.4	72.9	78.1	78.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 4000	48.4	72.9	78.1	78.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 3500	52.3	78.1	83.2	83.9	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 3000	52.9	80.7	85.8	86.5	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 2500	52.9	81.9	87.1	87.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 2000	52.9	81.9	87.1	87.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 1800	53.6	84.5	89.7	90.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 1500	53.6	84.5	89.7	90.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 1200	54.2	85.8	91.0	91.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 1000	54.2	85.8	91.0	91.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 900	54.2	85.8	91.0	91.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 800	54.2	85.8	91.0	91.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 700	54.2	85.8	91.0	91.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 600	54.2	85.8	91.0	91.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 500	54.2	85.8	91.0	91.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 400	54.2	85.8	91.0	91.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 300	54.2	85.8	91.0	91.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 200	54.2	85.8	91.0	91.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 100	54.2	85.8	91.0	91.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
0	54.2	85.8	91.0	91.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

73-77

YEARS

JAN
MONTH

04
HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	43.9	60.7	64.5	65.8	67.7	67.7	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 20000	47.1	63.9	67.7	69.0	71.0	71.0	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 18000	47.1	63.9	67.7	69.0	71.0	71.0	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 16000	47.1	63.9	67.7	69.0	71.0	71.0	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 14000	47.1	63.9	67.7	69.0	71.0	71.0	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 12000	47.1	63.9	67.7	69.0	71.0	71.0	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 10000	47.1	63.9	67.7	69.0	71.0	71.0	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 9000	47.1	63.9	67.7	69.0	71.0	71.0	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 8000	47.1	63.9	67.7	69.0	71.0	71.0	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 7000	47.1	63.9	67.7	69.0	71.0	71.0	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 6000	47.1	63.9	67.7	69.0	71.0	71.0	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 5000	47.1	63.9	67.7	69.0	71.0	71.0	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 4500	47.1	63.9	67.7	69.0	71.0	71.0	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 4000	47.1	63.9	67.7	69.0	71.0	71.0	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 3500	47.1	63.9	67.7	69.0	71.0	71.0	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 3000	47.1	63.9	67.7	69.0	71.0	71.0	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 2500	47.1	63.9	67.7	69.0	71.0	71.0	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 2000	47.1	63.9	67.7	69.0	71.0	71.0	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 1800	47.1	63.9	67.7	69.0	71.0	71.0	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 1500	47.1	63.9	67.7	69.0	71.0	71.0	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 1200	47.1	63.9	67.7	69.0	71.0	71.0	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 1000	47.1	63.9	67.7	69.0	71.0	71.0	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 900	47.1	63.9	67.7	69.0	71.0	71.0	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 800	47.1	63.9	67.7	69.0	71.0	71.0	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 700	47.1	63.9	67.7	69.0	71.0	71.0	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 600	47.1	63.9	67.7	69.0	71.0	71.0	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 500	47.1	63.9	67.7	69.0	71.0	71.0	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 400	47.1	63.9	67.7	69.0	71.0	71.0	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 300	47.1	63.9	67.7	69.0	71.0	71.0	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 200	47.1	63.9	67.7	69.0	71.0	71.0	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 100	47.1	63.9	67.7	69.0	71.0	71.0	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 0	47.1	63.9	67.7	69.0	71.0	71.0	71.6	71.6	71.6	71.6	71.6	71.6	71.6

155

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93112 STATION

SAN DIEGO, CALIFORNIA

STATION NAME

73-77

YEARS

JAN

MONTH

07

HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	49.0	56.1	57.4	57.4	58.1	58.1	58.1	58.1	58.1	58.7	58.7	58.7	58.7
≥ 20000	51.6	60.0	61.9	61.9	62.6	62.6	62.6	62.6	62.6	63.2	63.2	63.2	63.2
≥ 18000	52.3	60.7	62.6	62.6	63.2	63.2	63.2	63.2	63.2	63.9	63.9	63.9	63.9
≥ 16000	52.3	60.7	62.6	62.6	63.2	63.2	63.2	63.2	63.2	63.9	63.9	63.9	63.9
≥ 14000	52.9	61.3	63.2	63.2	63.9	63.9	63.9	63.9	63.9	64.5	64.5	64.5	64.5
≥ 12000	53.6	61.9	63.9	63.9	64.5	64.5	64.5	64.5	64.5	65.2	65.2	65.2	65.2
≥ 10000	54.2	62.6	65.2	65.2	66.5	66.5	66.5	66.5	66.5	67.1	67.1	67.1	67.1
≥ 9000	54.8	63.2	65.8	65.8	67.1	67.1	67.1	67.1	67.1	67.7	67.7	67.7	67.7
≥ 8000	56.1	64.5	67.7	67.7	69.0	69.0	69.0	69.0	69.0	69.7	69.7	69.7	69.7
≥ 7000	56.8	65.2	68.4	68.4	69.7	69.7	69.7	69.7	69.7	70.3	70.3	70.3	70.3
≥ 6000	58.7	67.1	70.3	70.3	71.6	71.6	71.6	71.6	71.6	72.3	72.3	72.3	72.3
≥ 5000	59.4	67.7	71.0	71.0	72.3	72.3	72.3	72.3	72.3	72.9	72.9	72.9	72.9
≥ 4500	60.7	69.0	72.3	72.3	73.6	73.6	73.6	73.6	73.6	74.2	74.2	74.2	74.2
≥ 4000	62.6	74.2	77.4	77.4	78.7	78.7	78.7	78.7	78.7	79.4	79.4	79.4	79.4
≥ 3500	63.9	75.5	78.7	79.4	80.7	80.7	80.7	80.7	80.7	81.3	81.3	81.3	81.3
≥ 3000	63.9	76.1	79.4	80.0	81.3	81.3	81.3	81.3	81.3	81.9	81.9	81.9	81.9
≥ 2500	64.5	78.1	81.9	82.6	83.9	83.9	83.9	83.9	83.9	84.5	84.5	84.5	84.5
≥ 2000	66.5	80.7	84.5	85.2	86.5	86.5	86.5	86.5	86.5	87.1	87.1	87.1	87.1
≥ 1800	67.1	81.3	85.2	85.8	87.1	87.1	87.1	87.1	87.1	87.7	87.7	87.7	87.7
≥ 1500	69.0	83.9	87.7	88.4	89.7	89.7	89.7	89.7	89.7	90.3	90.3	90.3	90.3
≥ 1200	69.0	83.9	87.7	88.4	89.7	89.7	89.7	89.7	89.7	90.3	90.3	90.3	90.3
≥ 1000	69.0	85.8	89.7	90.3	91.6	91.6	91.6	91.6	91.6	92.9	92.9	92.9	92.9
≥ 900	69.0	85.8	89.7	90.3	91.6	91.6	91.6	91.6	91.6	92.9	92.9	92.9	92.9
≥ 800	69.0	85.8	89.7	90.3	91.6	91.6	91.6	91.6	91.6	92.9	92.9	92.9	92.9
≥ 700	69.0	85.8	89.7	90.3	91.6	91.6	91.6	91.6	91.6	92.9	92.9	92.9	92.9
≥ 600	69.0	85.8	89.7	90.3	91.6	91.6	91.6	91.6	91.6	92.9	92.9	92.9	92.9
≥ 500	69.0	86.5	90.3	91.0	92.3	92.3	92.3	92.3	92.3	93.6	93.6	93.6	93.6
≥ 400	69.0	86.5	90.3	91.0	92.3	92.3	92.3	92.3	92.3	93.6	93.6	93.6	93.6
≥ 300	69.0	86.5	90.3	91.0	92.3	92.3	92.3	92.3	92.3	93.6	93.6	93.6	93.6
≥ 200	69.0	86.5	90.3	91.0	92.3	92.3	92.3	92.3	92.3	93.6	93.6	93.6	93.6
≥ 100	69.0	86.5	90.3	91.0	92.3	92.3	92.3	92.3	92.3	93.6	93.6	93.6	93.6
0	69.0	86.5	90.3	91.0	92.3	92.3	92.3	92.3	92.3	93.6	93.6	93.6	93.6

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

73-77

YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

10
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 0
NO CEILING	49.0	60.0	61.9	65.2	65.2	66.5	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 20000	54.2	67.7	70.3	73.6	74.2	75.5	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 18000	54.2	67.7	70.3	73.6	74.2	75.5	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 16000	54.2	67.7	70.3	73.6	74.2	75.5	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 14000	55.5	69.0	71.6	74.8	75.5	76.8	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 12000	56.1	69.7	72.3	75.5	76.1	77.4	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 10000	57.4	71.6	74.2	77.4	78.1	79.4	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 9000	57.4	71.6	74.2	77.4	78.1	79.4	80.0	80.0	80.0	80.0	80.0	80.0	80.0
8000	58.1	72.9	76.1	79.4	80.0	81.3	81.9	81.9	81.9	81.9	81.9	81.9	81.9
7000	58.1	73.6	76.8	80.0	80.7	81.9	82.6	82.6	82.6	82.6	82.6	82.6	82.6
6000	58.1	73.6	76.8	80.0	80.7	81.9	82.6	82.6	82.6	82.6	82.6	82.6	82.6
5000	59.4	75.5	78.7	81.9	82.6	83.9	84.5	84.5	84.5	84.5	84.5	84.5	84.5
4500	59.4	75.5	78.7	81.9	82.6	83.9	84.5	84.5	84.5	84.5	84.5	84.5	84.5
4000	62.6	78.7	81.9	85.2	85.8	87.1	87.7	87.7	87.7	87.7	87.7	87.7	87.7
3500	63.9	80.0	83.2	86.5	87.1	88.4	89.0	89.0	89.0	89.0	89.0	89.0	89.0
3000	65.2	81.3	84.5	87.7	89.0	90.3	91.0	91.0	91.0	91.0	91.0	91.0	91.0
2500	67.7	83.9	87.1	90.3	91.6	92.9	93.6	93.6	93.6	93.6	93.6	93.6	93.6
2000	68.4	84.5	87.7	91.0	92.3	93.6	94.2	94.8	94.8	94.8	94.8	94.8	94.8
1800	69.0	85.2	88.4	91.6	92.9	94.2	94.8	95.5	95.5	95.5	95.5	95.5	95.5
1500	70.3	86.5	89.7	92.9	94.2	95.5	96.1	96.8	96.8	96.8	96.8	96.8	96.8
1200	70.3	86.5	89.7	93.6	94.8	96.1	96.8	97.4	97.4	97.4	97.4	97.4	97.4
1000	70.3	87.1	90.3	94.2	95.5	96.8	97.4	98.1	98.1	98.1	98.1	98.1	98.1
900	70.3	87.1	90.3	94.8	96.1	97.4	98.1	98.7	98.7	98.7	98.7	98.7	98.7
800	70.3	87.1	90.3	94.8	96.1	97.4	98.1	98.7	98.7	98.7	98.7	98.7	98.7
700	70.3	87.1	90.3	94.8	96.1	97.4	98.1	98.7	98.7	98.7	98.7	98.7	98.7
600	70.3	87.1	90.3	94.8	96.1	97.4	98.1	98.7	98.7	98.7	98.7	98.7	98.7
500	70.3	87.1	90.3	94.8	96.1	97.4	98.1	98.7	98.7	98.7	98.7	98.7	98.7
400	70.3	87.1	90.3	94.8	96.1	97.4	98.1	98.7	98.7	98.7	98.7	98.7	98.7
300	70.3	87.1	90.3	94.8	96.1	97.4	98.1	98.7	98.7	98.7	98.7	98.7	98.7
200	70.3	87.1	90.3	94.8	96.1	97.4	98.1	98.7	98.7	98.7	98.7	98.7	98.7
100	70.3	87.1	90.3	94.8	96.1	97.4	98.1	98.7	98.7	98.7	98.7	98.7	98.7
0	70.3	87.1	90.3	94.8	96.1	97.4	98.1	98.7	98.7	98.7	98.7	98.7	98.7

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

73-77

YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

13
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	48.4	60.0	60.7	63.2	65.8	65.8	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 20000	52.9	67.7	68.4	71.0	73.6	73.6	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 18000	52.9	67.7	69.0	71.6	74.2	74.2	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 16000	53.6	68.4	69.7	72.3	74.8	74.8	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 14000	54.2	69.0	70.3	72.9	75.5	75.5	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 12000	56.8	71.6	72.9	75.5	78.1	78.1	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 10000	57.4	72.9	74.2	76.8	79.4	79.4	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 9000	57.4	72.9	74.2	76.8	79.4	79.4	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 8000	58.7	74.2	75.5	78.1	80.7	80.7	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 7000	58.7	74.8	76.1	78.7	81.3	81.3	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 6000	58.7	74.8	76.1	78.7	81.3	81.3	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 5000	59.4	75.5	76.8	79.4	81.9	81.9	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 4500	60.0	76.1	77.4	80.0	82.6	82.6	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 4000	61.3	78.1	79.4	81.9	84.5	84.5	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 3500	62.6	79.4	80.7	83.2	85.8	85.8	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 3000	66.5	83.9	85.2	87.7	90.3	90.3	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 2500	70.3	87.7	89.7	93.6	96.1	96.1	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 2000	70.3	87.7	89.7	93.6	96.1	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1800	70.3	87.7	89.7	93.6	96.1	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1500	70.3	89.0	91.0	94.8	97.4	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1200	70.3	89.0	91.0	94.8	97.4	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1000	70.3	89.0	91.6	95.5	98.1	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 900	70.3	89.0	91.6	95.5	98.1	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 800	70.3	89.0	91.6	95.5	98.1	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 700	70.3	89.0	91.6	95.5	98.1	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 600	70.3	89.0	91.6	95.5	98.1	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500	70.3	89.0	91.6	95.5	98.1	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 400	70.3	89.0	91.6	96.1	98.7	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	70.3	89.0	91.6	96.1	98.7	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	70.3	89.0	91.6	96.1	98.7	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	70.3	89.0	91.6	96.1	98.7	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	70.3	89.0	91.6	96.1	98.7	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 155

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

73-77

YEARS

JAN
MONTH

16
HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 0
NO CEILING	56.1	63.9	67.7	69.0	70.3	70.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 20000	59.4	68.4	72.3	73.6	74.8	74.8	77.4	77.4	77.4	77.4	77.4	77.4
≥ 18000	59.4	68.4	72.3	73.6	74.8	74.8	77.4	77.4	77.4	77.4	77.4	77.4
≥ 16000	59.4	68.4	72.3	73.6	74.8	74.8	77.4	77.4	77.4	77.4	77.4	77.4
≥ 14000	60.0	69.0	73.6	74.8	76.1	76.1	78.7	78.7	78.7	78.7	78.7	78.7
≥ 12000	61.9	71.0	75.5	76.8	78.1	78.1	80.7	80.7	80.7	80.7	80.7	80.7
≥ 10000	63.2	72.9	77.4	78.7	80.0	80.0	82.6	82.6	82.6	82.6	82.6	82.6
≥ 9000	63.2	72.9	77.4	78.7	80.0	80.0	82.6	82.6	82.6	82.6	82.6	82.6
≥ 8000	65.2	74.8	79.4	80.7	81.9	81.9	84.5	84.5	84.5	84.5	84.5	84.5
≥ 7000	65.2	74.8	79.4	80.7	81.9	81.9	84.5	84.5	84.5	84.5	84.5	84.5
≥ 6000	65.2	74.8	79.4	80.7	81.9	81.9	84.5	84.5	84.5	84.5	84.5	84.5
≥ 5000	65.2	74.8	79.4	80.7	81.9	81.9	84.5	84.5	84.5	84.5	84.5	84.5
≥ 4500	65.2	74.8	79.4	80.7	81.9	81.9	84.5	84.5	84.5	84.5	84.5	84.5
≥ 4000	67.1	77.4	81.9	83.2	84.5	84.5	87.1	87.1	87.1	87.1	87.1	87.1
≥ 3500	69.7	80.7	85.2	86.5	87.7	87.7	90.3	90.3	90.3	90.3	90.3	90.3
≥ 3000	71.6	83.2	87.7	89.0	90.3	90.3	92.9	92.9	92.9	92.9	92.9	92.9
≥ 2500	72.9	86.5	91.0	92.9	94.2	94.2	96.8	96.8	96.8	96.8	96.8	96.8
≥ 2000	72.9	86.5	91.0	93.6	94.8	94.8	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1800	72.9	86.5	91.0	93.6	94.8	94.8	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1500	72.9	86.5	91.0	93.6	94.8	94.8	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1200	73.6	87.1	91.6	94.2	95.5	95.5	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1000	73.6	87.1	91.6	94.2	95.5	95.5	98.1	98.1	98.1	98.1	98.1	98.1
≥ 900	73.6	87.1	91.6	94.2	95.5	95.5	98.1	98.1	98.1	98.1	98.1	98.1
≥ 800	73.6	87.7	92.3	95.5	96.8	96.8	99.4	99.4	99.4	99.4	99.4	99.4
≥ 700	73.6	87.7	92.3	95.5	96.8	96.8	99.4	99.4	99.4	99.4	99.4	99.4
≥ 600	73.6	87.7	92.3	95.5	96.8	96.8	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500	73.6	87.7	92.3	95.5	96.8	96.8	99.4	99.4	99.4	99.4	99.4	99.4
≥ 400	73.6	87.7	92.3	95.5	96.8	96.8	99.4	99.4	99.4	99.4	99.4	99.4
≥ 300	73.6	87.7	92.3	95.5	96.8	96.8	99.4	99.4	99.4	99.4	99.4	99.4
≥ 200	73.6	87.7	92.3	95.5	96.8	96.8	99.4	99.4	99.4	99.4	99.4	99.4
≥ 100	73.6	87.7	92.3	95.5	96.8	96.8	99.4	99.4	99.4	99.4	99.4	99.4
0	73.6	87.7	92.3	95.5	96.8	96.8	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS 155

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93112

STATION NAME
SAN DIEGO, CALIFORNIA

73-77

YEARS

JAN

MONTH

19

HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														≥ 0
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	
NO CEILING	50.3	65.2	69.0	71.6	71.6	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 20000	52.9	67.7	71.6	74.2	74.2	74.8	74.8	74.8	74.8	75.5	75.5	75.5	75.5	75.5	75.5
≥ 18000	52.9	67.7	71.6	74.2	74.2	74.8	74.8	74.8	74.8	75.5	75.5	75.5	75.5	75.5	75.5
≥ 16000	53.6	68.4	72.3	74.8	74.8	75.5	75.5	75.5	75.5	76.1	76.1	76.1	76.1	76.1	76.1
≥ 14000	54.2	69.0	72.9	75.5	75.5	76.1	76.1	76.1	76.1	76.8	76.8	76.8	76.8	76.8	76.8
≥ 12000	54.2	69.0	72.9	75.5	75.5	76.1	76.1	76.1	76.1	76.8	76.8	76.8	76.8	76.8	76.8
≥ 10000	54.2	69.0	72.9	75.5	75.5	76.1	76.1	76.1	76.1	76.8	76.8	76.8	76.8	76.8	76.8
≥ 9000	54.8	69.7	73.6	76.1	76.1	76.8	76.8	76.8	76.8	77.4	77.4	77.4	77.4	77.4	77.4
≥ 8000	56.8	71.6	75.5	78.1	78.1	78.7	78.7	78.7	78.7	79.4	79.4	79.4	79.4	79.4	79.4
≥ 7000	58.1	72.9	76.8	79.4	79.4	80.0	80.0	80.0	80.0	80.7	80.7	80.7	80.7	80.7	80.7
≥ 6000	58.7	74.2	78.1	80.7	80.7	81.3	81.3	81.3	81.3	81.9	81.9	81.9	81.9	81.9	81.9
≥ 5000	58.7	74.2	78.1	80.7	80.7	81.3	81.3	81.3	81.3	81.9	81.9	81.9	81.9	81.9	81.9
≥ 4500	58.7	74.2	78.1	80.7	80.7	81.3	81.3	81.3	81.3	81.9	81.9	81.9	81.9	81.9	81.9
≥ 4000	60.7	76.8	80.7	83.2	83.2	83.9	83.9	83.9	83.9	84.5	84.5	84.5	84.5	84.5	84.5
≥ 3500	60.7	77.4	81.3	83.9	83.9	84.5	84.5	84.5	84.5	85.2	85.2	85.2	85.2	85.2	85.2
≥ 3000	61.9	80.0	83.9	86.5	86.5	87.1	87.1	87.1	87.1	87.7	87.7	87.7	87.7	87.7	87.7
≥ 2500	61.9	80.7	84.5	87.1	87.1	87.7	87.7	87.7	87.7	88.4	88.4	88.4	88.4	88.4	88.4
≥ 2000	63.2	83.9	87.7	90.3	90.3	91.0	91.0	91.0	91.0	91.6	91.6	91.6	91.6	91.6	91.6
≥ 1800	63.2	83.9	87.7	90.3	90.3	91.0	91.0	91.0	91.0	91.6	91.6	91.6	91.6	91.6	91.6
≥ 1500	63.2	84.5	88.4	92.3	92.3	92.9	92.9	92.9	92.9	93.6	93.6	93.6	93.6	93.6	93.6
≥ 1200	64.5	86.5	90.3	94.2	94.2	94.8	94.8	94.8	94.8	95.5	95.5	95.5	95.5	95.5	95.5
≥ 1000	64.5	86.5	90.3	94.8	94.8	95.5	95.5	95.5	95.5	96.1	96.1	96.1	96.1	96.1	96.1
≥ 900	65.2	87.1	91.0	95.5	95.5	96.1	96.1	96.1	96.1	96.8	96.8	96.8	96.8	96.8	96.8
≥ 800	65.8	87.7	91.6	96.1	96.1	96.8	96.8	96.8	96.8	97.4	97.4	97.4	97.4	97.4	97.4
≥ 700	65.8	87.7	91.6	96.1	96.1	96.8	96.8	96.8	96.8	97.4	97.4	97.4	97.4	97.4	97.4
≥ 600	65.8	87.7	91.6	96.1	96.1	96.8	96.8	96.8	96.8	97.4	97.4	97.4	97.4	97.4	97.4
≥ 500	65.8	87.7	91.6	96.1	96.1	96.8	96.8	96.8	96.8	97.4	97.4	97.4	97.4	97.4	97.4
≥ 400	65.8	87.7	91.6	96.1	96.1	96.8	96.8	96.8	96.8	97.4	97.4	97.4	97.4	97.4	97.4
≥ 300	65.8	87.7	91.6	96.1	96.1	96.8	96.8	96.8	96.8	97.4	97.4	97.4	97.4	97.4	97.4
≥ 200	65.8	87.7	91.6	96.1	96.1	96.8	96.8	96.8	96.8	97.4	97.4	97.4	97.4	97.4	97.4
≥ 100	65.8	87.7	91.6	96.1	96.1	96.8	96.8	96.8	96.8	97.4	97.4	97.4	97.4	97.4	97.4
0	65.8	87.7	91.6	96.1	96.1	96.8	96.8	96.8	96.8	97.4	97.4	97.4	97.4	97.4	97.4

TOTAL NUMBER OF OBSERVATIONS

155

SPRING BRIDGES SERVICE DETACHMENT, ASHEVILLE, NC

SAN DIEGO, CALIFORNIA

73-77

YEARS

JAN
MONTH

**PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)**

HOURS (L.S.T.)

VISIBILITY (STATUTE MILES)

		VISIBILITY (STATUTE MILES)													
		≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/16	≥ ¼	≥ 0
NO CEILING	46.5	61.9	66.5	69.7	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	71.0
10000	47.1	63.2	67.7	71.0	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	72.3
8000	47.7	63.9	68.4	71.6	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.9
6000	47.7	63.9	68.4	71.6	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.9
4000	48.4	64.5	69.0	72.3	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	73.6
3000	48.4	65.2	69.7	72.9	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	74.2
2000	49.0	65.8	70.3	73.6	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.8
1000	49.7	67.1	71.6	74.8	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	76.1
800	51.0	68.4	72.9	76.1	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	77.4
600	52.3	69.7	74.2	77.4	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.7
400	52.3	69.7	74.2	77.4	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.7
300	52.3	70.3	74.8	78.1	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	79.4
200	52.3	71.0	75.5	78.7	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	80.0
100	52.9	73.6	78.1	81.3	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	82.6
0	53.6	74.2	78.7	81.9	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	83.2
2500	54.8	75.5	80.0	83.2	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	84.5
2000	54.8	75.5	80.0	83.2	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	84.5
1800	55.5	77.4	81.9	85.2	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	86.5
1600	56.1	78.1	82.6	85.8	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	87.1
1500	56.1	80.7	85.2	89.7	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	91.0
1200	57.4	83.2	87.7	92.3	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	93.6
1000	57.4	83.9	88.4	92.9	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	94.2
900	57.4	83.9	88.4	92.9	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	94.2
800	57.4	83.9	88.4	93.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.8
700	57.4	83.9	88.4	93.6	94.2	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	95.5
600	57.4	83.9	88.4	93.6	94.8	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	96.1
500	57.4	85.2	89.7	95.5	96.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.7
400	57.4	85.2	89.7	95.5	96.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.7
300	57.4	85.2	89.7	95.5	96.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.7
200	57.4	85.2	89.7	95.5	96.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.7
100	57.4	85.2	89.7	95.5	96.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.7
0	57.4	85.2	89.7	95.5	96.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.7

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

73-77

YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½
NO CEILING	48.1	61.1	64.2	66.1	67.2	67.4	67.9	67.9	67.9	68.0	68.0	68.0
≥ 20000	51.1	65.2	68.5	70.3	71.5	71.8	72.3	72.3	72.3	72.5	72.5	72.5
18000	51.2	65.3	68.7	70.6	71.8	72.0	72.6	72.6	72.7	72.7	72.7	72.7
16000	51.4	65.5	68.9	70.7	71.9	72.2	72.7	72.7	72.7	72.9	72.9	72.9
14000	51.9	66.1	69.5	71.4	72.6	72.9	73.4	73.4	73.4	73.6	73.6	73.6
12000	52.7	66.9	70.4	72.3	73.5	73.7	74.3	74.3	74.4	74.4	74.4	74.4
10000	53.3	68.0	71.6	73.5	74.8	75.0	75.6	75.6	75.7	75.7	75.7	75.7
9000	53.7	68.6	72.2	74.0	75.3	75.6	76.1	76.1	76.3	76.3	76.3	76.3
8000	54.8	70.2	74.0	75.9	77.2	77.4	78.0	78.0	78.2	78.2	78.2	78.2
7000	55.7	71.3	75.1	76.9	78.2	78.5	79.0	79.0	79.2	79.2	79.2	79.2
6000	56.0	71.7	75.5	77.3	78.6	78.9	79.4	79.4	79.6	79.6	79.6	79.6
5000	56.3	72.2	76.0	77.8	79.1	79.4	79.9	79.9	80.1	80.1	80.1	80.1
4500	56.5	72.5	76.3	78.2	79.4	79.7	80.2	80.2	80.4	80.4	80.4	80.4
4000	58.4	75.6	79.4	81.2	82.5	82.7	83.3	83.3	83.5	83.5	83.5	83.5
3500	59.4	76.7	80.5	82.4	83.7	84.0	84.5	84.5	84.7	84.7	84.7	84.7
3000	61.1	79.2	83.1	85.0	86.4	86.6	87.3	87.3	87.4	87.4	87.4	87.4
2500	62.3	81.2	85.3	87.5	88.9	89.1	89.8	89.8	89.9	89.9	89.9	89.9
2000	62.9	82.7	86.9	89.1	90.5	90.8	91.5	91.5	91.7	91.7	91.7	91.7
1800	63.2	83.2	87.3	89.5	90.9	91.2	91.9	91.9	92.1	92.1	92.1	92.1
1500	63.8	84.9	89.0	91.6	93.0	93.3	94.0	94.1	94.3	94.3	94.3	94.3
1200	64.2	85.6	89.7	92.3	93.7	94.0	94.8	94.8	95.0	95.0	95.0	95.0
1000	64.3	86.1	90.3	93.1	94.7	95.0	95.7	95.8	96.0	96.0	96.0	96.0
900	64.4	86.2	90.4	93.2	94.8	95.2	95.9	96.0	96.1	96.1	96.1	96.1
800	64.4	86.4	90.6	93.6	95.2	95.6	96.3	96.5	96.6	96.6	96.6	96.6
700	64.4	86.4	90.6	93.6	95.3	95.7	96.5	96.7	96.9	96.9	96.9	96.9
600	64.4	86.4	90.6	93.6	95.4	95.8	96.7	96.9	97.0	97.0	97.0	97.0
500	64.4	86.6	90.8	94.0	95.9	96.4	97.3	97.5	97.7	97.7	97.7	97.7
400	64.4	86.6	90.8	94.1	96.2	96.8	97.7	98.0	98.0	98.3	98.4	98.5
300	64.4	86.6	90.8	94.1	96.3	96.9	97.9	98.2	98.2	98.5	98.6	98.6
200	64.4	86.6	90.8	94.1	96.3	96.9	97.9	98.2	98.2	98.5	98.6	98.6
100	64.4	86.6	90.8	94.1	96.3	96.9	97.9	98.2	98.2	98.5	98.6	98.6
0	64.4	86.6	90.8	94.1	96.3	96.9	97.9	98.2	98.2	98.5	98.6	98.6

TOTAL NUMBER OF OBSERVATIONS

1240

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93112

SAN DIEGO, CALIFORNIA

73-77

FEB

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

01
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	37.6	56.7	59.6	61.0	61.7	61.7	61.7	62.4	62.4	63.1	63.1	63.1	63.1
≥ 20000	37.6	57.5	60.3	61.7	62.4	62.4	62.4	63.1	63.1	63.8	63.8	63.8	63.8
≥ 18000	37.6	57.5	60.3	61.7	62.4	62.4	62.4	63.1	63.1	63.8	63.8	63.8	63.8
≥ 16000	37.6	57.5	60.3	61.7	62.4	62.4	62.4	63.1	63.1	63.8	63.8	63.8	63.8
≥ 14000	37.6	57.5	60.3	61.7	62.4	62.4	62.4	63.1	63.1	63.8	63.8	63.8	63.8
≥ 12000	37.6	58.2	61.0	62.4	63.1	63.1	63.1	63.8	63.8	64.5	64.5	64.5	64.5
≥ 10000	37.6	58.9	61.7	63.8	64.5	64.5	64.5	65.3	65.3	66.0	66.0	66.0	66.0
≥ 9000	37.6	58.9	61.7	63.8	64.5	64.5	64.5	65.3	65.3	66.0	66.0	66.0	66.0
≥ 8000	39.0	60.3	63.1	65.3	66.0	66.0	66.0	66.7	66.7	67.4	67.4	67.4	67.4
≥ 7000	39.0	60.3	63.1	65.3	66.0	66.0	66.0	66.7	66.7	67.4	67.4	67.4	67.4
≥ 6000	39.0	60.3	63.1	65.3	66.0	66.0	66.0	66.7	66.7	67.4	67.4	67.4	67.4
≥ 5000	39.0	60.3	63.1	65.3	66.0	66.0	66.0	66.7	66.7	67.4	67.4	67.4	67.4
≥ 4500	39.0	60.3	63.1	65.3	66.0	66.0	66.0	66.7	66.7	67.4	67.4	67.4	67.4
≥ 4000	39.0	61.0	63.8	66.0	66.7	66.7	66.7	67.4	67.4	68.1	68.1	68.1	68.1
≥ 3500	40.4	62.4	65.3	67.4	68.1	68.1	68.1	68.8	68.8	69.5	69.5	69.5	69.5
≥ 3000	40.4	62.4	65.3	67.4	68.1	68.1	68.1	68.8	68.8	69.5	69.5	69.5	69.5
≥ 2500	41.8	65.3	68.8	70.9	71.6	71.6	71.6	72.3	72.3	73.1	73.1	73.1	73.1
≥ 2000	42.6	69.5	73.8	76.6	78.0	78.0	78.0	78.7	78.7	79.4	79.4	79.4	79.4
≥ 1800	43.3	70.2	74.5	77.3	78.7	78.7	78.7	79.4	79.4	80.1	80.1	80.1	80.1
≥ 1500	44.0	73.1	77.3	80.9	82.3	82.3	82.3	83.0	83.0	83.7	83.7	83.7	83.7
≥ 1200	44.0	74.5	79.4	83.7	85.8	85.8	85.8	86.5	86.5	87.2	87.2	87.2	87.2
≥ 1000	44.0	75.2	80.9	85.1	87.2	87.2	87.2	87.9	87.9	88.7	88.7	88.7	88.7
≥ 900	44.0	75.2	82.3	86.5	88.7	88.7	88.7	89.4	89.4	90.1	90.1	90.1	90.1
≥ 800	44.0	75.2	83.7	87.9	90.1	90.1	90.1	90.8	90.8	91.5	91.5	91.5	91.5
≥ 700	44.0	75.2	83.7	87.9	90.1	90.1	90.1	90.8	90.8	91.5	91.5	91.5	91.5
≥ 600	44.0	75.9	84.4	89.4	92.2	92.2	92.2	92.9	92.9	93.6	93.6	93.6	93.6
≥ 500	44.0	75.9	84.4	89.4	92.2	92.2	92.2	92.9	92.9	93.6	93.6	93.6	93.6
≥ 400	44.0	75.9	84.4	90.1	92.9	92.9	92.9	93.6	93.6	94.3	94.3	94.3	94.3
≥ 300	44.0	75.9	84.4	90.1	92.9	92.9	92.9	93.6	93.6	94.3	94.3	94.3	94.3
≥ 200	44.0	75.9	84.4	90.1	92.9	92.9	92.9	93.6	93.6	94.3	94.3	94.3	94.3
≥ 100	44.0	75.9	84.4	90.1	92.9	92.9	92.9	93.6	93.6	94.3	94.3	94.3	94.3
≥ 0	44.0	75.9	84.4	90.1	92.9	92.9	92.9	93.6	93.6	94.3	94.3	94.3	94.3

TOTAL NUMBER OF OBSERVATIONS

141

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

73-77

YEARS

FEB
MONTH

04
HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	36.2	52.5	55.3	56.7	56.7	57.5	57.5	57.5	57.5	57.5	57.5	57.5	58.2
≥ 20000	37.6	55.3	58.2	59.6	59.6	60.3	60.3	60.3	60.3	60.3	60.3	60.3	61.0
≥ 18000	37.6	56.0	58.9	60.3	60.3	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.7
≥ 16000	37.6	56.0	58.9	60.3	60.3	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.7
≥ 14000	37.6	56.0	58.9	60.3	60.3	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.7
≥ 12000	37.6	56.0	58.9	60.3	60.3	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.7
≥ 10000	37.6	56.0	58.9	61.7	61.7	62.4	62.4	62.4	62.4	62.4	62.4	62.4	63.1
≥ 9000	37.6	56.0	58.9	61.7	61.7	62.4	62.4	62.4	62.4	62.4	62.4	62.4	63.1
≥ 8000	39.0	58.2	61.0	63.8	63.8	64.5	64.5	64.5	64.5	64.5	64.5	64.5	65.3
≥ 7000	39.7	58.9	61.7	64.5	64.5	65.3	65.3	65.3	65.3	65.3	65.3	65.3	66.0
≥ 6000	39.7	59.6	62.4	65.3	65.3	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.7
≥ 5000	39.7	59.6	62.4	65.3	65.3	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.7
≥ 4500	39.7	59.6	62.4	65.3	65.3	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.7
≥ 4000	39.7	61.0	63.8	66.7	66.7	67.4	67.4	67.4	67.4	67.4	67.4	67.4	68.1
≥ 3500	41.1	62.4	65.3	68.1	68.1	68.8	68.8	68.8	68.8	68.8	68.8	68.8	69.5
≥ 3000	43.3	64.5	67.4	70.2	70.2	70.9	70.9	70.9	70.9	70.9	70.9	70.9	71.6
≥ 2500	43.3	66.0	68.8	71.6	71.6	72.3	72.3	72.3	72.3	72.3	72.3	72.3	73.1
≥ 2000	44.0	68.1	70.9	73.8	73.8	74.5	74.5	74.5	74.5	74.5	74.5	74.5	75.2
≥ 1800	44.0	68.1	70.9	73.8	73.8	74.5	74.5	74.5	74.5	74.5	74.5	74.5	75.2
≥ 1500	45.4	70.2	75.2	78.0	78.0	78.7	78.7	78.7	78.7	78.7	78.7	78.7	79.4
≥ 1200	45.4	72.3	78.0	80.9	80.9	81.6	81.6	81.6	81.6	81.6	81.6	81.6	82.3
≥ 1000	46.1	74.5	80.1	83.0	83.0	83.7	83.7	83.7	83.7	83.7	83.7	83.7	84.4
≥ 900	46.1	75.2	80.9	85.1	85.1	85.8	85.8	85.8	85.8	85.8	85.8	85.8	86.5
≥ 800	46.1	75.2	80.9	85.1	85.1	85.8	85.8	85.8	85.8	85.8	85.8	85.8	86.5
≥ 700	46.8	75.9	82.3	87.2	87.2	87.9	87.9	87.9	87.9	87.9	87.9	87.9	88.6
≥ 600	46.8	75.9	82.3	87.2	87.2	87.9	87.9	87.9	87.9	87.9	87.9	87.9	88.6
≥ 500	46.8	75.9	82.3	87.2	87.2	87.9	87.9	87.9	87.9	87.9	87.9	87.9	88.6
≥ 400	46.8	75.9	83.0	87.9	87.9	88.6	88.6	88.6	88.6	88.6	88.6	88.6	89.3
≥ 300	46.8	75.9	83.0	87.9	87.9	88.6	88.6	88.6	88.6	88.6	88.6	88.6	89.3
≥ 200	46.8	75.9	83.0	87.9	87.9	88.6	88.6	88.6	88.6	88.6	88.6	88.6	89.3
≥ 100	46.8	75.9	83.0	87.9	87.9	88.6	88.6	88.6	88.6	88.6	88.6	88.6	89.3
0	46.8	75.9	83.0	87.9	87.9	88.6	88.6	88.6	88.6	88.6	88.6	88.6	89.3

TOTAL NUMBER OF OBSERVATIONS

141

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

73-77

YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

07
HOURS (L.S.T.)

CEILING (FEET)		VISIBILITY (STATUTE MILES)													
		≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/16	≥ ¼	≥ 0
NO CEILING		44.7	51.1	53.2	53.2	53.2	53.2	53.9	53.9	54.6	54.6	54.6	55.3	55.3	56.7
≥ 20000		46.8	53.2	56.0	56.0	56.0	56.0	56.7	56.7	57.5	57.5	57.5	58.2	58.2	59.6
≥ 18000	AI	46.8	53.2	56.0	56.0	56.0	56.0	56.7	56.7	57.5	57.5	57.5	58.2	58.2	59.6
≥ 16000	AI	46.8	53.2	56.0	56.0	56.0	56.0	56.7	56.7	57.5	57.5	57.5	58.2	58.2	59.6
≥ 14000	AI	46.8	53.2	56.0	56.0	56.0	56.0	56.7	56.7	57.5	57.5	57.5	58.2	58.2	59.6
≥ 12000	AI	47.5	53.9	56.7	56.7	56.7	56.7	57.5	57.5	58.2	58.2	58.2	58.9	58.9	60.3
≥ 10000	AI	48.9	55.3	58.9	58.9	58.9	58.9	59.6	59.6	60.3	60.3	60.3	61.0	61.0	62.4
≥ 9000	AI	49.7	56.0	59.6	59.6	59.6	59.6	60.3	60.3	61.0	61.0	61.0	61.7	61.7	63.1
≥ 8000	AI	51.1	57.5	61.7	61.7	61.7	61.7	62.4	62.4	63.1	63.1	63.1	63.8	63.8	65.3
≥ 7000	AI	51.1	57.5	61.7	61.7	61.7	61.7	62.4	62.4	63.1	63.1	63.1	63.8	63.8	65.3
≥ 6000	AI	52.5	58.9	63.1	63.1	63.1	63.1	63.8	63.8	64.5	64.5	64.5	65.3	65.3	66.7
≥ 5000	AI	52.5	58.9	63.1	63.1	63.1	63.1	63.8	63.8	64.5	64.5	64.5	65.3	65.3	66.7
≥ 4500	AI	52.5	59.6	63.8	63.8	63.8	63.8	64.5	64.5	65.3	65.3	65.3	66.0	66.0	67.4
≥ 4000	AI	53.9	61.7	66.0	66.0	66.0	66.0	66.7	66.7	67.4	67.4	67.4	68.1	68.1	69.5
≥ 3500	AI	54.6	62.4	66.7	66.7	66.7	66.7	67.4	67.4	68.1	68.1	68.1	68.8	68.8	70.2
≥ 3000	AI	56.0	65.3	69.5	70.2	70.2	70.2	70.9	70.9	71.6	71.6	71.6	72.3	72.3	73.8
≥ 2500	AI	56.0	66.7	70.9	71.6	71.6	71.6	72.3	72.3	73.1	73.1	73.1	73.8	73.8	75.2
≥ 2000	AI	57.5	68.1	73.8	74.5	75.2	75.2	75.9	75.9	76.6	76.6	76.6	77.3	77.3	78.7
≥ 1800	AI	57.5	68.1	73.8	75.2	75.9	75.9	76.6	76.6	77.3	77.3	77.3	78.0	78.0	79.4
≥ 1500	AI	59.6	70.2	75.9	78.0	80.1	80.1	80.9	81.6	82.3	82.3	82.3	83.0	83.0	84.4
≥ 1200	AI	60.3	71.6	77.3	80.1	83.0	83.0	84.4	85.1	85.8	85.8	85.8	86.5	86.5	87.9
≥ 1000	AI	61.0	73.8	79.4	83.0	86.5	86.5	87.9	88.7	89.4	89.4	89.4	90.1	90.1	91.5
≥ 900	AI	61.0	73.8	79.4	83.0	86.5	86.5	87.9	88.7	89.4	89.4	89.4	90.1	90.1	91.5
≥ 800	AI	61.0	73.8	79.4	83.7	87.2	87.9	89.4	90.1	90.8	90.8	90.8	91.5	91.5	92.9
≥ 700	AI	61.0	73.8	80.1	84.4	87.9	89.4	90.8	91.5	92.2	92.2	92.2	92.9	92.9	94.3
≥ 600	AI	61.0	73.8	80.1	84.4	87.9	89.4	90.8	91.5	92.2	92.2	92.2	92.9	92.9	94.3
≥ 500	AI	61.0	73.8	80.1	84.4	87.9	90.1	91.5	92.2	92.9	92.9	92.9	93.6	93.6	95.0
≥ 400	AI	61.0	73.8	80.1	84.4	87.9	90.1	91.5	92.2	92.9	92.9	92.9	93.6	93.6	95.7
≥ 300	AI	61.0	73.8	80.1	84.4	87.9	90.1	91.5	92.2	92.9	92.9	92.9	93.6	93.6	95.7
≥ 200	AI	61.0	73.8	80.1	84.4	87.9	90.1	91.5	92.2	92.9	92.9	92.9	93.6	93.6	95.7
≥ 100	AI	61.0	73.8	80.1	84.4	87.9	90.1	91.5	92.2	92.9	92.9	92.9	93.6	93.6	95.7
0	AI	61.0	73.8	80.1	84.4	87.9	90.1	91.5	92.2	92.9	92.9	92.9	93.6	93.6	95.7

141

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

73-77

YEARS

FEB
MONTH

10

HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	41.8	52.5	56.0	58.9	59.6	59.6	60.3	61.0	61.0	61.0	61.7	61.7	61.7
≥ 20000	43.3	54.6	58.2	61.0	62.4	62.4	63.1	63.8	63.8	63.8	64.5	64.5	64.5
≥ 18000	44.0	55.3	58.9	61.7	63.1	63.1	63.8	64.5	64.5	64.5	65.3	65.3	65.3
≥ 16000	44.0	55.3	58.9	61.7	63.1	63.1	63.8	64.5	64.5	64.5	65.3	65.3	65.3
≥ 14000	45.4	57.5	61.0	63.8	65.3	65.3	66.0	66.7	66.7	66.7	67.4	67.4	67.4
≥ 12000	46.8	59.6	63.1	66.7	68.1	68.1	68.8	69.5	69.5	69.5	70.2	70.2	70.2
≥ 10000	48.2	61.0	64.5	68.8	70.2	70.2	70.9	71.6	71.6	71.6	72.3	72.3	72.3
≥ 9000	49.7	62.4	66.0	70.2	71.6	71.6	72.3	73.1	73.1	73.1	73.8	73.8	73.8
≥ 8000	49.7	62.4	66.0	70.2	71.6	71.6	72.3	73.1	73.1	73.1	73.8	73.8	73.8
≥ 7000	49.7	62.4	66.0	70.2	71.6	71.6	72.3	73.1	73.1	73.1	73.8	73.8	73.8
≥ 6000	50.4	63.1	66.7	70.9	72.3	72.3	73.1	73.8	73.8	73.8	74.5	74.5	74.5
≥ 5000	51.8	64.5	68.1	72.3	73.8	73.8	74.5	75.2	75.2	75.2	75.9	75.9	75.9
≥ 4500	51.8	64.5	68.1	72.3	73.8	73.8	74.5	75.2	75.2	75.2	75.9	75.9	75.9
≥ 4000	52.5	66.0	69.5	73.8	75.2	75.2	75.9	76.6	76.6	76.6	77.3	77.3	77.3
≥ 3500	53.9	67.4	70.9	75.2	76.6	76.6	77.3	78.0	78.0	78.0	78.7	78.7	78.7
≥ 3000	54.6	68.8	72.3	77.3	78.7	78.7	79.4	80.1	80.1	80.1	80.9	80.9	80.9
≥ 2500	56.0	70.9	74.5	79.4	80.9	81.6	82.3	83.0	83.0	83.0	83.7	83.7	83.7
≥ 2000	56.7	72.3	77.3	82.3	84.4	85.1	85.8	86.5	86.5	86.5	87.2	87.2	87.2
≥ 1800	56.7	73.1	78.0	83.0	85.1	85.8	86.5	87.2	87.2	87.2	87.9	87.9	87.9
≥ 1500	57.5	73.8	78.7	83.7	85.8	86.5	87.2	87.9	87.9	87.9	88.7	88.7	88.7
≥ 1200	57.5	73.8	79.4	86.5	88.7	89.4	90.1	91.5	91.5	91.5	92.2	92.2	92.2
≥ 1000	58.9	75.2	80.9	88.7	90.8	91.5	92.9	93.6	93.6	93.6	94.3	94.3	94.3
≥ 900	58.9	75.2	80.9	88.7	91.5	92.2	93.6	94.3	94.3	94.3	95.0	95.0	95.0
≥ 800	58.9	75.2	80.9	88.7	91.5	92.2	94.3	95.0	95.0	95.0	95.7	95.7	95.7
≥ 700	58.9	75.2	81.6	89.4	92.2	92.9	96.5	97.2	97.2	97.2	97.9	97.9	97.9
≥ 600	58.9	75.2	82.3	90.1	92.9	93.6	97.2	97.9	97.9	97.9	98.6	98.6	98.6
≥ 500	58.9	75.2	82.3	90.1	92.9	93.6	97.9	98.6	98.6	98.6	99.3	99.3	99.3
≥ 400	58.9	75.2	82.3	90.1	92.9	93.6	97.9	98.6	98.6	98.6	99.3	99.3	99.3
≥ 300	58.9	75.2	82.3	90.1	92.9	93.6	97.9	98.6	98.6	98.6	99.3	99.3	99.3
≥ 200	58.9	75.2	82.3	90.1	92.9	93.6	97.9	98.6	98.6	98.6	99.3	99.3	99.3
≥ 100	58.9	75.2	82.3	90.1	92.9	93.6	97.9	98.6	98.6	98.6	99.3	99.3	99.3
≥ 0	58.9	75.2	82.3	90.1	92.9	93.6	97.9	98.6	98.6	98.6	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS 141

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

73-77

YEARS

FEB
MONTH

13

HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	49.7	61.7	65.3	66.7	67.4	67.4	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 20000	51.1	63.1	66.7	68.1	70.2	70.2	70.2	71.6	71.6	71.6	71.6	71.6	71.6
≥ 18000	51.1	63.1	66.7	68.1	70.2	70.2	70.2	71.6	71.6	71.6	71.6	71.6	71.6
≥ 16000	51.1	63.1	66.7	68.1	70.2	70.2	70.2	71.6	71.6	71.6	71.6	71.6	71.6
≥ 14000	53.2	65.3	68.8	70.2	72.3	72.3	72.3	73.8	73.8	73.8	73.8	73.8	73.8
≥ 12000	53.9	66.0	69.5	70.9	73.1	73.1	73.1	74.5	74.5	74.5	74.5	74.5	74.5
≥ 10000	56.7	70.2	73.8	75.2	77.3	77.3	77.3	78.7	78.7	78.7	78.7	78.7	78.7
≥ 9000	56.7	70.2	73.8	75.2	77.3	77.3	77.3	78.7	78.7	78.7	78.7	78.7	78.7
≥ 8000	58.9	73.1	76.6	78.0	80.1	80.1	80.1	81.6	81.6	81.6	81.6	81.6	81.6
≥ 7000	58.9	73.1	76.6	78.0	80.9	80.9	80.9	82.3	82.3	82.3	82.3	82.3	82.3
≥ 6000	59.6	73.8	77.3	79.4	81.6	81.6	81.6	83.0	83.0	83.0	83.0	83.0	83.0
≥ 5000	59.6	73.8	77.3	79.4	81.6	81.6	81.6	83.0	83.0	83.0	83.0	83.0	83.0
≥ 4500	61.0	75.2	78.7	80.9	83.0	83.0	83.0	84.4	84.4	84.4	84.4	84.4	84.4
≥ 4000	61.0	75.2	78.7	80.9	83.0	83.0	83.0	84.4	84.4	84.4	84.4	84.4	84.4
≥ 3500	62.4	76.6	80.1	82.3	84.4	84.4	84.4	85.8	85.8	85.8	85.8	85.8	85.8
≥ 3000	63.8	78.0	81.6	83.7	85.8	85.8	85.8	87.2	87.2	87.2	87.2	87.2	87.2
≥ 2500	66.0	80.9	85.1	87.2	89.4	89.4	89.4	90.8	90.8	90.8	90.8	90.8	90.8
≥ 2000	68.1	84.4	88.7	90.8	92.9	92.9	92.9	94.3	94.3	94.3	94.3	94.3	94.3
≥ 1800	68.1	84.4	88.7	90.8	92.9	92.9	92.9	94.3	94.3	94.3	94.3	94.3	94.3
≥ 1500	68.8	86.5	90.8	92.9	95.0	95.0	95.0	96.5	96.5	96.5	96.5	96.5	96.5
≥ 1200	70.2	87.9	92.2	94.3	96.5	96.5	96.5	97.9	97.9	97.9	97.9	97.9	97.9
≥ 1000	70.2	89.4	93.6	95.7	97.9	97.9	97.9	99.3	99.3	99.3	99.3	99.3	99.3
≥ 900	70.2	89.4	93.6	95.7	97.9	97.9	97.9	99.3	99.3	99.3	99.3	99.3	99.3
≥ 800	70.2	89.4	93.6	95.7	97.9	97.9	97.9	99.3	99.3	99.3	99.3	99.3	99.3
≥ 700	70.2	89.4	93.6	95.7	97.9	97.9	97.9	99.3	99.3	99.3	99.3	99.3	99.3
≥ 600	70.2	89.4	93.6	95.7	97.9	97.9	97.9	99.3	99.3	99.3	99.3	99.3	99.3
≥ 500	70.2	90.1	94.3	96.5	98.6	98.6	98.6	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	70.2	90.1	94.3	96.5	98.6	98.6	98.6	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	70.2	90.1	94.3	96.5	98.6	98.6	98.6	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	70.2	90.1	94.3	96.5	98.6	98.6	98.6	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	70.2	90.1	94.3	96.5	98.6	98.6	98.6	100.0	100.0	100.0	100.0	100.0	100.0
0	70.2	90.1	94.3	96.5	98.6	98.6	98.6	100.0	100.0	100.0	100.0	100.0	100.0

141

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

73-77

YEARS

FEB
MONTH

16
HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	52.5	60.3	61.0	63.1	63.1	63.1	63.1	63.1	63.1	64.5	64.5	64.5	64.5	64.5
≥ 20000	59.6	68.1	69.5	72.3	72.3	72.3	72.3	72.3	72.3	73.8	73.8	73.8	73.8	73.8
≥ 18000	59.6	68.1	69.5	72.3	72.3	72.3	72.3	72.3	72.3	73.8	73.8	73.8	73.8	73.8
≥ 16000	59.6	68.1	69.5	72.3	72.3	72.3	72.3	72.3	72.3	73.8	73.8	73.8	73.8	73.8
≥ 14000	59.6	68.1	69.5	72.3	72.3	72.3	72.3	72.3	72.3	73.8	73.8	73.8	73.8	73.8
≥ 12000	60.3	68.8	70.2	73.1	73.1	73.1	73.1	73.1	73.1	74.5	74.5	74.5	74.5	74.5
≥ 10000	60.3	70.9	72.3	75.2	75.2	75.2	75.2	75.2	75.2	76.6	76.6	76.6	76.6	76.6
≥ 9000	60.3	70.9	72.3	75.2	75.2	75.2	75.2	75.2	75.2	76.6	76.6	76.6	76.6	76.6
≥ 8000	62.4	74.5	75.9	78.7	78.7	78.7	78.7	78.7	78.7	80.1	80.1	80.1	80.1	80.1
≥ 7000	62.4	74.5	75.9	78.7	78.7	78.7	78.7	78.7	78.7	80.1	80.1	80.1	80.1	80.1
≥ 6000	62.4	74.5	75.9	78.7	78.7	78.7	78.7	78.7	78.7	80.1	80.1	80.1	80.1	80.1
≥ 5000	62.4	74.5	75.9	78.7	78.7	78.7	78.7	78.7	78.7	80.1	80.1	80.1	80.1	80.1
≥ 4500	63.1	75.2	76.6	79.4	79.4	79.4	79.4	79.4	79.4	80.9	80.9	80.9	80.9	80.9
≥ 4000	64.5	77.3	79.4	82.3	82.3	82.3	82.3	82.3	82.3	83.7	83.7	83.7	83.7	83.7
≥ 3500	64.5	77.3	79.4	82.3	82.3	82.3	82.3	82.3	82.3	83.7	83.7	83.7	83.7	83.7
≥ 3000	67.4	80.1	82.3	85.1	85.1	85.1	85.1	85.1	85.1	86.5	86.5	86.5	86.5	86.5
≥ 2500	69.5	83.7	85.8	88.7	88.7	88.7	88.7	88.7	88.7	90.1	90.1	90.1	90.1	90.1
≥ 2000	70.2	85.1	87.2	90.1	90.1	90.1	90.1	90.1	90.1	91.5	91.5	91.5	91.5	91.5
≥ 1800	70.9	85.8	87.9	90.8	90.8	90.8	90.8	90.8	90.8	92.2	92.2	92.2	92.2	92.2
≥ 1500	73.1	87.9	90.1	92.9	92.9	93.6	93.6	93.6	93.6	95.0	95.0	95.0	95.0	95.0
≥ 1200	73.1	88.7	90.8	94.3	94.3	95.0	95.0	95.0	95.0	96.5	96.5	96.5	96.5	96.5
≥ 1000	73.1	89.4	91.5	95.0	95.0	96.5	96.5	96.5	96.5	97.9	97.9	97.9	97.9	97.9
≥ 900	73.1	89.4	91.5	95.0	95.0	96.5	96.5	96.5	96.5	97.9	97.9	97.9	97.9	97.9
≥ 800	73.1	89.4	91.5	95.0	95.0	96.5	96.5	96.5	96.5	97.9	97.9	97.9	97.9	97.9
≥ 700	73.1	89.4	91.5	95.0	95.0	96.5	96.5	96.5	96.5	97.9	97.9	97.9	97.9	97.9
≥ 600	73.1	90.1	92.2	95.7	96.5	97.9	97.9	97.9	97.9	98.6	98.6	98.6	98.6	98.6
≥ 500	73.1	90.1	92.2	95.7	96.5	97.9	97.9	97.9	97.9	98.6	98.6	98.6	98.6	98.6
≥ 400	73.1	90.1	92.2	95.7	96.5	97.9	97.9	97.9	97.9	98.6	98.6	98.6	98.6	98.6
≥ 300	73.1	90.1	92.2	95.7	96.5	97.9	97.9	97.9	97.9	98.6	98.6	98.6	98.6	98.6
≥ 200	73.1	90.1	92.2	95.7	96.5	97.9	97.9	97.9	97.9	98.6	98.6	98.6	98.6	98.6
≥ 100	73.1	90.1	92.2	95.7	96.5	97.9	97.9	97.9	97.9	98.6	98.6	98.6	98.6	98.6
≥ 0	73.1	90.1	92.2	95.7	96.5	97.9	97.9	97.9	97.9	98.6	98.6	98.6	98.6	98.6

141

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

73-77

YEAR

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

19
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½
NO CEILING	51.1	65.3	66.7	68.1	69.5	69.5	69.5	69.5	69.5	70.2	70.9	70.9
≥ 20000	51.1	66.7	68.1	69.5	70.9	70.9	70.9	70.9	70.9	71.6	72.3	72.3
≥ 18000	51.1	66.7	68.1	69.5	70.9	70.9	70.9	70.9	70.9	71.6	72.3	72.3
≥ 16000	51.8	67.4	68.8	70.2	71.6	71.6	71.6	71.6	71.6	72.3	73.1	73.1
≥ 14000	52.5	68.1	69.5	70.9	72.3	72.3	72.3	72.3	72.3	73.1	73.8	73.8
≥ 12000	52.5	68.8	70.2	71.6	73.1	73.1	73.1	73.1	73.1	73.8	74.5	74.5
≥ 10000	53.2	70.2	71.6	73.1	74.5	74.5	74.5	74.5	74.5	75.2	75.9	75.9
≥ 9000	53.2	70.2	71.6	73.1	74.5	74.5	74.5	74.5	74.5	75.2	75.9	75.9
≥ 8000	53.2	70.9	73.1	74.5	75.9	75.9	75.9	75.9	75.9	76.6	77.3	77.3
≥ 7000	53.2	70.9	73.1	74.5	75.9	75.9	75.9	75.9	75.9	76.6	77.3	77.3
≥ 6000	53.9	71.6	73.8	75.2	76.6	76.6	76.6	76.6	76.6	77.3	78.0	78.0
≥ 5000	53.9	71.6	73.8	75.2	76.6	76.6	76.6	76.6	76.6	77.3	78.0	78.0
≥ 4500	54.6	72.3	74.5	75.9	77.3	77.3	77.3	77.3	77.3	78.0	78.7	78.7
≥ 4000	56.0	73.8	75.9	77.3	78.7	78.7	78.7	78.7	78.7	79.4	80.1	80.1
≥ 3500	56.7	74.5	76.6	78.0	79.4	79.4	79.4	79.4	79.4	80.1	80.9	80.9
≥ 3000	59.6	78.7	80.9	82.3	83.7	83.7	83.7	83.7	83.7	84.4	85.1	85.1
≥ 2500	59.6	79.4	81.6	83.0	84.4	84.4	84.4	84.4	84.4	85.1	85.8	85.8
≥ 2000	60.3	80.9	83.0	84.4	85.8	85.8	85.8	85.8	85.8	86.5	87.2	87.2
≥ 1800	61.0	82.3	84.4	85.8	87.2	87.2	87.2	87.2	87.2	87.9	88.7	88.7
≥ 1500	61.0	85.8	87.9	89.4	90.8	90.8	90.8	90.8	90.8	91.5	92.2	92.2
≥ 1200	61.0	85.8	87.9	90.1	91.5	91.5	91.5	91.5	91.5	92.2	92.9	92.9
≥ 1000	61.7	86.5	88.7	91.5	92.9	92.9	92.9	92.9	92.9	93.6	94.3	94.3
≥ 900	61.7	86.5	89.4	92.2	93.6	93.6	93.6	93.6	93.6	94.3	95.0	95.0
≥ 800	61.7	87.2	90.1	92.9	94.3	94.3	94.3	94.3	94.3	95.0	95.7	95.7
≥ 700	61.7	87.9	90.8	93.6	95.0	95.0	95.0	95.0	95.0	95.7	96.4	96.4
≥ 600	61.7	87.9	91.5	94.3	95.7	95.7	95.7	95.7	95.7	96.4	97.1	97.1
≥ 500	61.7	88.7	92.2	95.0	96.4	96.4	96.4	96.4	96.4	97.1	97.8	97.8
≥ 400	61.7	88.7	92.2	95.0	96.4	96.4	96.4	96.4	96.4	97.1	97.8	97.8
≥ 300	61.7	88.7	92.2	95.0	96.4	96.4	96.4	96.4	96.4	97.1	97.8	97.8
≥ 200	61.7	88.7	92.2	95.0	96.4	96.4	96.4	96.4	96.4	97.1	97.8	97.8
≥ 100	61.7	88.7	92.2	95.0	96.4	96.4	96.4	96.4	96.4	97.1	97.8	97.8
0	61.7	88.7	92.2	95.0	96.4	96.4	96.4	96.4	96.4	97.1	97.8	97.8

141

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

73-77

YEARS

FEB
MONTH

22
HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	43.3	59.6	61.0	61.7	61.7	62.4	62.4	62.4	62.4	62.4	62.4	62.4	63.1	63.1
≥ 20000	44.0	60.3	61.7	62.4	62.4	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.8	63.8
≥ 18000	44.0	60.3	61.7	62.4	62.4	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.8	63.8
≥ 16000	44.0	60.3	61.7	62.4	62.4	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.8	63.8
≥ 14000	44.0	60.3	61.7	62.4	62.4	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.8	63.8
≥ 12000	44.7	61.0	62.4	63.1	63.1	63.8	63.8	63.8	63.8	63.8	63.8	63.8	64.5	64.5
≥ 10000	45.4	62.4	63.8	64.5	64.5	65.3	65.3	65.3	65.3	65.3	65.3	65.3	66.0	66.0
≥ 9000	45.4	62.4	63.8	64.5	64.5	65.3	65.3	65.3	65.3	65.3	65.3	65.3	66.0	66.0
≥ 8000	47.5	63.3	66.7	67.4	67.4	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.8	68.8
≥ 7000	47.5	63.3	66.7	67.4	67.4	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.8	68.8
≥ 6000	47.5	63.3	66.7	67.4	67.4	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.8	68.8
≥ 5000	48.2	66.0	67.4	68.1	68.1	68.8	68.8	68.8	68.8	68.8	68.8	68.8	69.5	69.5
≥ 4500	50.4	68.1	69.5	70.2	70.2	70.9	70.9	70.9	70.9	70.9	70.9	70.9	71.6	71.6
≥ 4000	51.1	68.8	70.2	70.9	70.9	71.6	71.6	71.6	71.6	71.6	71.6	71.6	72.3	72.3
≥ 3500	51.8	70.9	72.3	73.1	73.1	73.8	73.8	73.8	73.8	73.8	73.8	73.8	74.5	74.5
≥ 3000	53.2	73.1	74.5	75.2	75.2	75.9	75.9	75.9	75.9	75.9	75.9	75.9	76.6	76.6
≥ 2500	54.6	76.6	78.0	78.7	78.7	79.4	79.4	79.4	79.4	79.4	79.4	79.4	80.1	80.1
≥ 2000	55.3	78.7	80.1	80.9	80.9	81.6	81.6	81.6	81.6	81.6	81.6	81.6	82.3	82.3
≥ 1800	55.3	78.7	80.1	80.9	80.9	81.6	81.6	81.6	81.6	81.6	81.6	81.6	82.3	82.3
≥ 1500	56.0	83.0	84.4	85.1	85.1	85.8	85.8	85.8	85.8	85.8	85.8	85.8	86.5	86.5
≥ 1200	56.7	83.7	85.1	85.8	85.8	86.5	86.5	86.5	86.5	86.5	86.5	86.5	87.2	87.2
≥ 1000	56.7	84.4	85.8	86.5	86.5	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.9	87.9
≥ 900	56.7	84.4	85.8	86.5	86.5	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.9	87.9
≥ 800	56.7	84.4	87.2	87.9	87.9	88.7	88.7	88.7	88.7	88.7	88.7	88.7	89.4	89.4
≥ 700	56.7	84.4	87.2	87.9	87.9	88.7	88.7	88.7	88.7	88.7	88.7	88.7	89.4	89.4
≥ 600	56.7	84.4	87.2	87.9	87.9	88.7	88.7	88.7	88.7	88.7	88.7	88.7	89.4	89.4
≥ 500	56.7	84.4	87.2	87.9	87.9	88.7	88.7	88.7	88.7	88.7	88.7	88.7	89.4	89.4
≥ 400	56.7	84.4	87.2	87.9	87.9	88.7	88.7	88.7	88.7	88.7	88.7	88.7	89.4	89.4
≥ 300	56.7	84.4	87.2	87.9	87.9	88.7	88.7	88.7	88.7	88.7	88.7	88.7	89.4	89.4
≥ 200	56.7	84.4	87.2	87.9	87.9	88.7	88.7	88.7	88.7	88.7	88.7	88.7	89.4	89.4
≥ 100	56.7	84.4	87.2	87.9	87.9	88.7	88.7	88.7	88.7	88.7	88.7	88.7	89.4	89.4
≥ 0	56.7	84.4	87.2	87.9	87.9	88.7	88.7	88.7	88.7	88.7	88.7	88.7	89.4	89.4

TOTAL NUMBER OF OBSERVATIONS 141

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

73-77
YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	44.6	57.5	59.8	61.2	61.6	61.8	62.2	62.3	62.4	62.8	62.9	62.9	63.1	63.2
≥ 20000	46.4	59.8	62.3	63.8	64.5	64.7	65.1	65.3	65.3	65.7	65.9	65.9	66.1	66.1
≥ 18000	46.5	60.0	62.5	64.0	64.7	64.9	65.3	65.4	65.5	65.9	66.1	66.1	66.2	66.3
≥ 16000	46.5	60.1	62.6	64.1	64.8	65.0	65.3	65.5	65.6	66.0	66.1	66.1	66.3	66.4
≥ 14000	47.1	60.7	63.2	64.7	65.4	65.6	66.0	66.1	66.2	66.6	66.8	66.8	67.0	67.0
≥ 12000	47.6	61.5	64.0	65.6	66.3	66.5	66.8	67.0	67.1	67.5	67.6	67.6	67.9	68.2
≥ 10000	48.3	63.1	65.7	67.6	68.4	68.5	68.9	69.1	69.2	69.5	69.7	69.7	69.9	70.0
≥ 9000	48.8	63.4	66.0	67.9	68.6	68.8	69.2	69.3	69.4	69.8	70.0	70.0	70.2	70.5
≥ 8000	50.1	65.3	68.0	70.0	70.7	70.8	71.2	71.4	71.5	71.8	72.0	72.0	72.2	72.5
≥ 7000	50.2	65.3	68.1	70.1	70.8	71.0	71.4	71.5	71.6	72.0	72.2	72.2	72.4	72.7
≥ 6000	50.6	65.9	68.6	70.7	71.4	71.5	71.9	72.1	72.2	72.5	72.7	72.7	73.0	73.2
≥ 5000	50.9	66.1	68.9	70.9	71.6	71.8	72.2	72.3	72.4	72.8	73.0	73.0	73.1	73.2
≥ 4500	51.3	66.8	69.6	71.6	72.3	72.5	72.9	73.1	73.1	73.5	73.7	73.7	73.9	74.2
≥ 4000	52.2	68.1	70.9	73.0	73.7	73.9	74.2	74.4	74.5	74.8	75.0	75.0	75.2	75.3
≥ 3500	53.2	69.2	72.1	74.1	74.8	75.0	75.4	75.5	75.6	76.0	76.2	76.3	76.4	76.7
≥ 3000	54.8	71.4	74.2	76.4	77.1	77.3	77.7	77.8	77.9	78.3	78.5	78.5	78.7	79.0
≥ 2500	55.9	73.7	76.7	78.9	79.6	79.9	80.2	80.4	80.5	80.9	81.0	81.0	81.2	81.6
≥ 2000	56.8	75.9	79.3	81.7	82.6	82.9	83.2	83.4	83.5	83.9	84.0	84.2	84.3	84.6
≥ 1800	57.1	76.3	79.8	82.2	83.2	83.4	83.8	84.0	84.0	84.4	84.6	84.6	84.8	85.1
≥ 1500	58.2	78.8	82.5	85.1	86.3	86.6	87.0	87.2	87.3	87.7	87.9	87.9	88.0	88.4
≥ 1200	58.5	79.8	83.8	87.0	88.3	88.7	89.2	89.5	89.5	89.9	90.1	90.1	90.3	90.6
≥ 1000	59.0	81.0	85.1	88.6	90.2	90.7	91.2	91.5	91.6	91.9	92.2	92.2	92.4	92.7
≥ 900	59.0	81.1	85.5	89.1	90.8	91.3	91.8	92.1	92.2	92.6	92.8	92.8	93.0	93.4
≥ 800	59.0	81.2	85.9	89.6	91.3	91.9	92.6	92.8	92.9	93.4	93.6	93.6	93.8	94.2
≥ 700	59.0	81.4	86.4	90.2	92.0	92.8	93.7	94.0	94.1	94.5	94.8	94.8	95.0	95.3
≥ 600	59.0	81.6	86.7	90.6	92.6	93.4	94.2	94.5	94.6	95.0	95.3	95.3	95.5	95.8
≥ 500	59.0	81.7	86.9	90.8	92.7	93.8	94.7	95.0	95.1	95.6	95.8	95.8	96.0	96.4
≥ 400	59.0	81.7	87.0	91.0	93.0	94.2	95.2	95.6	95.7	96.2	96.5	96.5	96.7	97.2
≥ 300	59.0	81.7	87.0	91.0	93.2	94.3	95.5	95.8	95.9	96.6	97.1	97.1	97.4	98.0
≥ 200	59.0	81.7	87.0	91.0	93.2	94.3	95.5	95.9	96.0	96.8	97.3	97.3	98.1	98.9
≥ 100	59.0	81.7	87.0	91.0	93.2	94.3	95.5	95.9	96.0	96.8	97.3	97.3	98.3	99.2
0	59.0	81.7	87.0	91.0	93.2	94.3	95.5	95.9	96.0	96.8	97.3	97.3	98.4	98.7

1128

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

73-77

YEARS

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

01
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	36.1	49.0	49.0	50.3	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
≥ 20000	36.8	52.9	52.9	54.2	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
≥ 18000	36.8	52.9	52.9	54.2	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
≥ 16000	36.8	52.9	52.9	54.2	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
≥ 14000	36.8	52.9	52.9	54.2	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
≥ 12000	36.8	52.9	52.9	54.2	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
≥ 10000	36.8	52.9	52.9	54.8	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
≥ 9000	36.8	52.9	52.9	54.8	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
8000	36.8	52.9	52.9	54.8	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
7000	36.8	53.6	53.6	55.5	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
6000	36.8	53.6	53.6	55.5	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
5000	38.1	55.5	55.5	57.4	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
4500	40.7	58.1	58.1	60.0	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
4000	41.9	60.0	60.0	61.9	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
3500	45.8	65.8	65.8	67.7	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
3000	50.3	72.9	72.9	74.8	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
2500	51.6	78.1	78.1	80.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
2000	53.6	80.7	80.7	82.6	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
1800	54.2	81.9	81.9	83.9	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
1500	56.8	85.8	86.5	88.4	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
1200	57.4	86.5	87.1	89.7	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
1000	58.1	88.4	89.0	92.3	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
900	58.1	89.7	90.3	94.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
800	58.1	90.3	91.6	95.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
700	58.1	90.3	91.6	96.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
600	58.1	90.3	91.6	96.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
500	58.1	90.3	91.6	96.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
400	58.1	90.3	91.6	96.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
300	58.1	90.3	91.6	96.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
200	58.1	90.3	91.6	96.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
100	58.1	90.3	91.6	96.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
0	58.1	90.3	91.6	96.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

73-77

YEARS

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

04
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	33.6	45.8	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
≥ 20000	34.2	47.7	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
≥ 18000	34.2	47.7	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
≥ 16000	34.2	47.7	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
≥ 14000	34.2	47.7	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
≥ 12000	34.2	46.4	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 10000	34.8	49.7	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
≥ 9000	34.8	49.7	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
8000	34.8	49.7	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
7000	34.8	50.3	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
6000	35.5	51.0	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
5000	36.1	51.6	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
4500	37.4	54.2	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
4000	40.0	58.1	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
3500	41.3	60.7	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
3000	45.8	66.5	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
2500	51.0	75.5	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
2000	53.6	80.0	80.7	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
1800	53.6	81.3	81.9	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
1500	54.2	83.2	84.5	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
1200	55.5	86.5	89.0	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
1000	55.5	88.4	91.6	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
900	55.5	88.4	91.6	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
800	55.5	88.4	91.6	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
700	55.5	89.0	92.3	93.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
600	55.5	89.0	92.3	93.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
500	55.5	89.0	92.3	93.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
400	55.5	89.0	92.3	93.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
300	55.5	89.0	92.3	93.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
200	55.5	89.0	92.3	93.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
100	55.5	89.0	92.3	93.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
0	55.5	89.0	92.3	93.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2

TOTAL NUMBER OF OBSERVATIONS 155

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

AD-A060 970

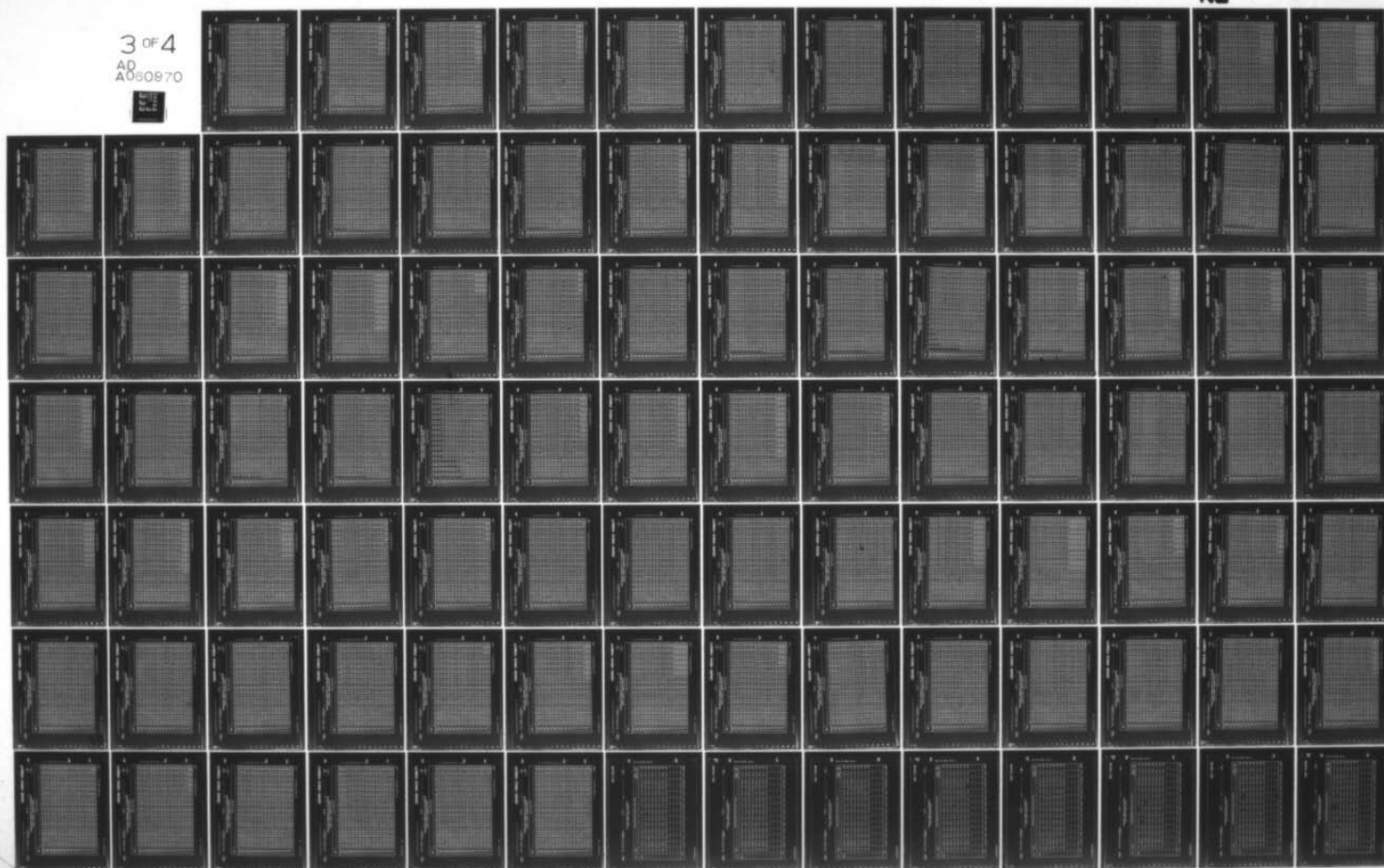
NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE N C
SUMMARY OF METEOROLOGICAL OBSERVATIONS, SURFACE (SMOS) SAN DIEG--ETC(U)
JUL 78

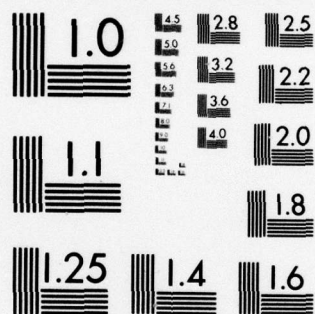
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3 OF 4
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MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

73-77

YEARS

MAR
MONTH

10
HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	38.1	49.0	49.7	50.3	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
≥ 20000	40.0	52.9	53.6	54.8	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 18000	40.0	52.9	53.6	54.8	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 16000	40.0	52.9	53.6	54.8	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 14000	40.0	53.6	54.2	55.5	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 12000	40.0	53.6	54.2	55.5	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 10000	40.0	53.6	54.2	55.5	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 9000	40.0	53.6	54.2	55.5	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 8000	40.0	53.6	54.2	55.5	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 7000	40.0	53.6	54.2	55.5	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 6000	40.7	54.2	54.8	56.1	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 5000	41.9	55.5	56.1	57.4	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 4500	43.2	56.8	57.4	58.7	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 4000	48.4	61.9	62.6	63.9	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 3500	51.0	65.2	65.8	67.1	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 3000	58.1	74.2	74.8	76.1	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 2500	62.6	80.0	80.7	81.9	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 2000	65.2	85.2	85.8	87.1	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 1800	65.2	85.2	85.8	87.1	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 1500	66.5	87.7	89.0	91.0	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 1200	66.5	88.4	89.7	92.9	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 1000	66.5	88.4	89.7	92.9	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 900	66.5	88.4	89.7	92.9	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 800	66.5	88.4	89.7	92.9	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 700	66.5	88.4	89.7	92.9	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 600	66.5	88.4	89.7	92.9	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 500	66.5	88.4	89.7	92.9	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 400	66.5	88.4	89.7	92.9	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 300	66.5	88.4	89.7	92.9	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 200	66.5	88.4	89.7	92.9	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 100	66.5	88.4	89.7	92.9	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
0	66.5	88.4	89.7	92.9	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

73-77

YEARS

MAR
MONTH

13
HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	49.7	58.7	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 20000	52.9	65.2	67.1	67.7	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 18000	52.9	65.2	67.1	67.7	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 16000	52.9	65.2	67.1	67.7	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 14000	52.9	65.2	67.1	68.4	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 12000	53.6	66.5	68.4	69.0	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 10000	53.6	66.5	68.4	69.0	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 9000	53.6	66.5	68.4	69.0	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 8000	54.2	67.1	69.0	69.7	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 7000	54.2	67.1	69.0	69.7	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 6000	54.2	67.1	69.0	69.7	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 5000	56.1	69.0	71.0	71.6	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 4500	58.1	71.0	72.9	73.6	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 4000	62.6	75.5	77.4	78.1	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 3500	64.5	77.4	79.4	80.0	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 3000	67.1	80.7	82.6	83.2	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 2500	70.3	86.5	88.4	89.0	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 2000	72.3	89.7	92.3	92.9	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 1800	72.3	89.7	92.3	92.9	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 1500	73.6	91.6	94.2	94.8	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 1200	73.6	91.6	94.2	94.8	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 1000	74.2	92.3	95.5	96.1	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 900	74.2	92.3	95.5	96.1	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 800	74.2	92.3	96.1	97.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 700	74.2	92.3	96.1	97.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 600	74.2	92.3	96.1	97.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 500	74.2	92.3	96.1	97.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 400	74.2	92.3	96.1	97.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 300	74.2	92.3	96.1	97.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 200	74.2	92.3	96.1	97.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 100	74.2	92.3	96.1	97.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 0	74.2	92.3	96.1	97.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7

155

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

73-77

YEARS

MAR
MONTH

16
HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ 5/16	≥ ¼
NO CEILING	52.9	59.4	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 20000	58.1	67.1	68.4	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 18000	58.1	67.1	68.4	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 16000	58.1	67.1	68.4	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 14000	58.1	67.1	68.4	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 12000	58.1	67.7	69.0	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 10000	59.4	69.0	70.3	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 9000	59.4	69.0	70.3	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 8000	60.7	71.6	72.9	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 7000	60.7	71.6	72.9	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 6000	60.7	71.6	72.9	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 5000	62.6	73.6	74.8	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 4500	64.5	75.5	76.8	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 4000	66.5	79.4	80.7	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 3500	67.1	81.3	82.6	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 3000	69.7	84.5	85.8	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 2500	72.9	87.7	89.0	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 2000	74.8	89.7	91.0	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 1800	74.8	90.3	91.6	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 1500	76.1	92.9	94.8	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 1200	76.8	93.6	95.5	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1000	76.8	94.8	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 900	76.8	94.8	96.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 800	76.8	94.8	96.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 700	76.8	94.8	96.8	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 600	76.8	94.8	96.8	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 500	76.8	94.8	96.8	98.1	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 400	76.8	94.8	96.8	98.1	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 300	76.8	94.8	96.8	98.1	98.7	99.4	99.4	100.0	100.0	100.0	100.0	100.0
≥ 200	76.8	94.8	96.8	98.1	98.7	99.4	99.4	100.0	100.0	100.0	100.0	100.0
≥ 100	76.8	94.8	96.8	98.1	98.7	99.4	99.4	100.0	100.0	100.0	100.0	100.0
0	76.8	94.8	96.8	98.1	98.7	99.4	99.4	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

73-77

YEARS

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

19
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ ½
NO CEILING	55.5	61.3	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 20000	57.4	64.5	65.8	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 18000	57.4	64.5	65.8	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 16000	57.4	64.5	65.8	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 14000	57.4	64.5	65.8	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 12000	58.1	65.2	67.1	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 10000	58.7	65.8	67.7	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 9000	58.7	65.8	67.7	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
8000	60.7	68.4	70.3	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
7000	60.7	68.4	70.3	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
6000	60.7	68.4	70.3	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
5000	61.3	69.7	71.6	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
4500	63.9	72.9	74.8	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
4000	64.5	74.2	76.1	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
3500	65.8	77.4	79.4	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
3000	69.0	81.9	83.9	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
2500	71.6	86.5	88.4	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
2000	72.9	88.4	90.3	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
1800	72.9	88.4	90.3	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
1500	74.2	89.7	91.6	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
1200	74.2	93.6	95.5	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
1000	74.8	95.5	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
900	74.8	96.1	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
800	74.8	96.1	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
700	74.8	96.1	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
600	74.8	96.1	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
500	74.8	96.1	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
400	74.8	96.1	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
300	74.8	96.1	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
200	74.8	96.1	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
100	74.8	96.1	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
0	74.8	96.1	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

73-77

YEARS

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

22
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	46.5	56.1	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 20000	47.7	58.7	60.7	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 18000	48.4	59.4	61.3	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 16000	48.4	59.4	61.3	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 14000	48.4	59.4	61.3	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 12000	48.4	59.4	61.3	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 10000	48.4	60.0	62.6	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 9000	48.4	60.0	62.6	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 8000	49.0	60.7	63.2	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 7000	49.0	61.3	63.9	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 6000	49.7	61.9	64.5	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 5000	50.3	63.2	65.8	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 4500	50.3	63.9	66.5	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 4000	52.9	68.4	71.0	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 3500	58.1	74.2	76.8	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 3000	60.7	79.4	81.9	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 2500	65.8	85.8	88.4	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 2000	68.4	90.3	92.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 1800	68.4	91.0	93.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 1500	69.0	92.3	94.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1200	69.0	92.8	96.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1000	69.0	94.2	97.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 900	69.0	94.2	97.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 800	69.0	94.2	97.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 700	69.0	94.2	97.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 600	69.0	94.2	97.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 500	69.0	94.2	97.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 400	69.0	94.2	97.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 300	69.0	94.2	97.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 200	69.0	94.2	97.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 100	69.0	94.2	97.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 0	69.0	94.2	97.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

73-77

YEARS

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ 0
NO CEILING	43.4	52.6	53.8	54.2	54.4	54.4	54.4	54.4	54.4	54.4	54.5
≥ 20000	45.4	56.5	58.0	58.8	59.1	59.1	59.2	59.2	59.2	59.2	59.4
≥ 18000	45.5	56.7	58.2	59.0	59.3	59.3	59.4	59.4	59.4	59.4	59.5
≥ 16000	45.5	56.7	58.2	59.0	59.3	59.3	59.4	59.4	59.4	59.4	59.5
≥ 14000	45.5	56.9	58.3	59.1	59.4	59.4	59.5	59.5	59.5	59.5	59.7
≥ 12000	45.7	57.2	58.7	59.5	59.8	59.8	59.9	59.9	59.9	59.9	60.1
≥ 10000	46.2	57.9	59.3	60.4	60.7	60.7	60.8	60.8	60.8	60.8	61.0
≥ 9000	46.3	58.1	59.7	60.6	60.9	60.9	61.0	61.0	61.0	61.0	61.1
≥ 8000	46.9	59.0	60.6	61.3	61.8	61.8	61.9	61.9	61.9	61.9	62.0
≥ 7000	46.9	59.2	60.8	61.7	62.0	62.0	62.1	62.1	62.1	62.1	62.3
≥ 6000	47.2	59.5	61.1	62.0	62.3	62.3	62.4	62.4	62.4	62.4	62.6
≥ 5000	48.3	61.0	62.6	63.5	63.8	63.8	63.9	63.9	63.9	63.9	64.0
≥ 4500	49.8	62.8	64.4	65.3	65.7	65.7	65.7	65.7	65.7	65.7	65.9
≥ 4000	52.5	66.4	68.0	68.9	69.2	69.2	69.3	69.3	69.3	69.3	69.4
≥ 3500	54.9	69.8	71.5	72.4	72.8	72.8	72.9	72.9	72.9	72.9	73.1
≥ 3000	58.8	75.2	76.9	77.8	78.3	78.3	78.4	78.4	78.4	78.4	78.6
≥ 2500	62.3	81.0	82.7	83.7	84.2	84.2	84.3	84.3	84.3	84.3	84.4
≥ 2000	64.4	84.4	86.3	87.4	87.9	87.9	88.0	88.0	88.0	88.0	88.2
≥ 1800	64.5	84.8	86.8	87.9	88.4	88.4	88.5	88.5	88.5	88.5	88.6
≥ 1500	65.8	87.4	89.8	91.1	91.8	91.8	91.9	91.9	91.9	91.9	92.0
≥ 1200	66.1	88.7	91.3	93.1	93.7	93.7	93.8	93.8	93.8	93.8	94.0
≥ 1000	66.5	90.1	92.8	94.7	95.4	95.4	95.6	95.6	95.6	95.6	95.7
≥ 900	66.5	90.3	93.1	95.2	95.9	95.9	96.0	96.1	96.1	96.1	96.2
≥ 800	66.5	90.5	93.4	95.6	96.5	96.6	96.8	96.8	96.8	96.8	96.9
≥ 700	66.5	90.6	93.5	95.7	96.8	96.9	97.1	97.1	97.1	97.1	97.3
≥ 600	66.5	90.6	93.5	95.7	96.9	96.9	97.2	97.2	97.2	97.2	97.4
≥ 500	66.5	90.6	93.5	95.8	96.9	97.2	97.4	97.5	97.6	97.6	97.7
≥ 400	66.5	90.6	93.6	95.9	97.0	97.4	97.7	97.7	97.8	97.8	98.2
≥ 300	66.5	90.6	93.6	95.9	97.1	97.5	97.7	97.8	98.2	98.2	98.8
≥ 200	66.5	90.6	93.6	95.9	97.1	97.5	97.7	97.8	98.2	98.4	99.2
≥ 100	66.5	90.6	93.6	95.9	97.1	97.5	97.7	97.8	98.2	98.4	99.5
0	66.5	90.6	93.6	95.9	97.1	97.5	97.7	97.8	98.2	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS

1240

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

73-77

YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

01
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	28.7	43.3	44.7	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
≥ 20000	28.7	44.0	45.3	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
≥ 18000	28.7	44.0	45.3	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
≥ 16000	28.7	44.0	45.3	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
≥ 14000	28.7	44.0	45.3	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
≥ 12000	28.7	44.0	45.3	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
≥ 10000	28.7	44.7	46.0	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7
≥ 9000	28.7	44.7	46.0	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7
8000	29.3	45.3	46.7	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
7000	29.3	45.3	46.7	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
6000	30.0	46.0	47.3	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
5000	30.0	46.7	48.0	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
4500	30.0	46.7	48.0	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
4000	30.7	48.0	49.3	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
3500	32.0	50.0	51.3	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
3000	35.3	53.3	54.7	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
2500	44.0	66.7	68.0	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
2000	45.3	72.0	73.3	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
1800	46.7	73.3	74.7	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
1500	49.3	78.7	80.0	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
1200	50.7	82.7	85.3	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
1000	51.3	88.0	91.3	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
900	51.3	88.7	92.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
800	51.3	90.0	93.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
700	51.3	90.0	94.0	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
600	51.3	90.0	94.7	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
500	51.3	90.0	94.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
400	51.3	90.0	95.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
300	51.3	90.0	95.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
200	51.3	90.0	95.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
100	51.3	90.0	95.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
0	51.3	90.0	95.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7

TOTAL NUMBER OF OBSERVATIONS

150

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

73-77

YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

04
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	25.3	37.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3
≥ 20000	26.0	38.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7
≥ 18000	26.0	38.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7
≥ 16000	26.0	38.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7
≥ 14000	26.0	38.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7
≥ 12000	26.0	38.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7
≥ 10000	26.0	38.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7
≥ 9000	26.0	38.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7
≥ 8000	26.7	39.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3
≥ 7000	27.3	40.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0
≥ 6000	28.0	40.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
≥ 5000	28.7	41.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
≥ 4500	28.7	41.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
≥ 4000	30.7	44.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
≥ 3500	32.0	45.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
≥ 3000	36.0	50.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
≥ 2500	43.3	64.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 2000	46.0	68.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 1800	48.0	72.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 1500	50.0	78.7	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 1200	50.0	80.7	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 1000	50.0	84.7	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 900	50.0	84.7	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 800	50.0	85.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 700	50.7	86.7	90.7	93.3	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 600	50.7	87.3	92.0	94.7	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 500	50.7	87.3	92.0	95.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 400	50.7	87.3	92.0	95.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 300	50.7	87.3	92.0	95.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 200	50.7	87.3	92.0	95.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 100	50.7	87.3	92.0	95.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
0	50.7	87.3	92.0	95.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0

TOTAL NUMBER OF OBSERVATIONS

150

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

73-77
YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

07
HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													≥ 0
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	27.3	35.3	36.7	36.7	36.7	36.7	36.7	36.7	36.7	37.3	37.3	37.3	38.0	38.0
≥ 20000	30.0	38.7	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.7	40.7	40.7	41.3	41.3
≥ 18000	30.0	38.7	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.7	40.7	40.7	41.3	41.3
≥ 16000	30.0	38.7	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.7	40.7	40.7	41.3	41.3
≥ 14000	30.0	38.7	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.7	40.7	40.7	41.3	41.3
≥ 12000	30.0	39.3	40.7	40.7	40.7	40.7	40.7	40.7	40.7	41.3	41.3	41.3	42.0	42.0
≥ 10000	30.0	39.3	40.7	40.7	40.7	40.7	40.7	40.7	40.7	41.3	41.3	41.3	42.0	42.0
≥ 9000	30.0	39.3	40.7	40.7	40.7	40.7	40.7	40.7	40.7	41.3	41.3	41.3	42.0	42.0
≥ 8000	30.0	39.3	40.7	40.7	40.7	40.7	40.7	40.7	40.7	41.3	41.3	41.3	42.0	42.0
≥ 7000	30.0	39.3	40.7	40.7	40.7	40.7	40.7	40.7	40.7	41.3	41.3	41.3	42.0	42.0
≥ 6000	30.0	39.3	40.7	40.7	40.7	40.7	40.7	40.7	40.7	41.3	41.3	41.3	42.0	42.0
≥ 5000	30.7	40.0	41.3	41.3	41.3	41.3	41.3	41.3	41.3	42.0	42.0	42.0	42.7	42.7
4500	30.7	40.0	41.3	41.3	41.3	41.3	41.3	41.3	41.3	42.0	42.0	42.0	42.7	42.7
4000	32.0	42.0	43.3	43.3	43.3	43.3	43.3	43.3	43.3	44.0	44.0	44.0	44.7	44.7
3500	36.7	46.7	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.7	48.7	48.7	49.3	49.3
3000	40.0	52.0	53.3	53.3	53.3	53.3	53.3	53.3	53.3	54.0	54.0	54.0	54.7	54.7
2500	49.3	64.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	67.3	67.3	67.3	68.0	68.0
2000	51.3	67.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	70.0	70.0	70.0	70.7	70.7
1800	52.0	70.0	73.3	73.3	73.3	73.3	73.3	73.3	73.3	74.0	74.0	74.0	74.7	74.7
1500	54.7	74.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	81.3	81.3	81.3	82.0	82.0
1200	55.3	77.3	83.3	84.0	84.7	84.7	84.7	84.7	84.7	85.3	85.3	85.3	86.0	86.0
1000	56.0	78.7	84.7	86.0	87.3	87.3	87.3	87.3	87.3	88.0	88.0	88.0	88.7	88.7
900	56.0	79.3	86.0	88.0	90.0	90.0	90.0	90.0	90.7	91.3	91.3	91.3	92.0	92.0
800	56.0	79.3	86.7	89.3	92.0	92.0	92.0	92.0	92.7	93.3	93.3	93.3	94.0	94.0
700	56.0	79.3	86.7	90.0	94.0	94.0	94.0	94.0	94.7	95.3	95.3	95.3	96.0	96.0
600	56.0	79.3	86.7	90.0	94.0	94.0	94.0	94.0	94.7	95.3	95.3	95.3	96.0	96.0
500	56.0	79.3	86.7	90.7	94.7	94.7	94.7	94.7	95.3	96.0	96.0	96.0	96.7	96.7
400	56.0	79.3	86.7	90.7	95.3	95.3	95.3	95.3	96.0	97.3	97.3	97.3	98.0	98.0
300	56.0	79.3	86.7	90.7	95.3	95.3	95.3	95.3	96.0	97.3	97.3	97.3	98.7	98.7
200	56.0	79.3	86.7	90.7	95.3	95.3	95.3	95.3	96.0	97.3	97.3	97.3	98.7	98.7
100	56.0	79.3	86.7	90.7	95.3	95.3	95.3	95.3	96.0	97.3	97.3	97.3	98.7	98.7
0	56.0	79.3	86.7	90.7	95.3	95.3	95.3	95.3	96.0	97.3	97.3	97.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS 150

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

STATION
93112

STATION NAME
SAN DIEGO, CALIFORNIA

73-77

YEARS

MONTH
APR

HOURS (L.S.T.)
10

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	38.7	56.0	58.0	58.7	60.7	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 20000	40.0	57.3	60.7	61.3	63.3	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 18000	40.7	58.0	61.3	62.0	64.0	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 16000	40.7	58.0	61.3	62.0	64.0	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 14000	42.0	59.3	62.7	63.3	65.3	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 12000	42.0	59.3	62.7	63.3	65.3	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 10000	42.0	59.3	62.7	63.3	65.3	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 9000	42.0	59.3	62.7	63.3	65.3	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 8000	42.0	59.3	62.7	63.3	65.3	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 7000	42.0	59.3	62.7	63.3	65.3	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 6000	42.0	59.3	62.7	63.3	65.3	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 5000	44.0	61.3	64.7	65.3	67.3	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 4500	44.7	62.0	65.3	66.0	68.0	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 4000	47.3	64.7	68.0	68.7	70.7	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 3500	50.7	68.0	71.3	72.0	74.0	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 3000	54.0	72.7	76.0	76.7	78.7	79.3	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 2500	58.7	78.0	82.0	82.7	84.7	85.3	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 2000	60.0	82.7	87.3	88.0	90.0	90.7	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 1800	60.0	83.3	88.0	88.7	90.7	91.3	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 1500	61.3	84.7	90.7	91.3	93.3	94.0	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 1200	61.3	84.7	91.3	92.0	94.7	95.3	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 1000	61.3	84.7	92.0	94.0	96.7	97.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 900	61.3	84.7	92.0	94.0	96.7	97.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 800	61.3	84.7	92.0	94.0	97.3	98.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 700	61.3	84.7	92.0	94.7	98.0	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	61.3	84.7	92.0	94.7	98.0	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	61.3	84.7	92.0	94.7	98.0	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	61.3	84.7	92.0	94.7	98.0	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	61.3	84.7	92.0	94.7	98.0	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	61.3	84.7	92.0	94.7	98.0	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	61.3	84.7	92.0	94.7	98.0	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	61.3	84.7	92.0	94.7	98.0	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

150

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

73-77

YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

13
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	52.7	65.0	71.3	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 20000	57.3	74.7	78.0	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 18000	57.3	74.7	78.0	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 16000	57.3	74.7	78.0	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 14000	57.3	74.7	78.0	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 12000	58.0	75.3	78.7	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 10000	58.0	75.3	78.7	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 9000	58.0	75.3	78.7	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 8000	58.7	76.0	79.3	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 7000	58.7	76.0	79.3	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 6000	59.3	77.3	80.7	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 5000	60.0	78.0	81.3	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 4500	61.3	79.3	82.7	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 4000	62.7	80.7	84.0	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 3500	66.0	85.3	88.7	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 3000	68.0	88.7	92.0	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 2500	68.7	90.0	93.3	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 2000	68.7	90.0	94.0	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 1800	69.3	92.0	95.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1500	69.3	92.7	96.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1200	70.0	93.3	97.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1000	70.0	93.3	97.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 900	70.0	93.3	97.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 800	70.0	93.3	97.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 700	70.0	93.3	97.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 600	70.0	93.3	97.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 500	70.0	93.3	97.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 400	70.0	93.3	97.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 300	70.0	93.3	97.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 200	70.0	93.3	97.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 100	70.0	93.3	97.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
0	70.0	93.3	97.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7

TOTAL NUMBER OF OBSERVATIONS

150

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

73-77

YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

16
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	58.0	72.0	74.0	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 20000	60.0	74.0	76.0	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
AI 18000	60.0	74.0	76.0	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
AI 16000	60.0	74.0	76.0	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
AI 14000	60.0	74.0	76.0	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
AI 12000	60.0	74.0	76.0	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
AI 10000	60.7	74.7	76.7	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
AI 9000	60.7	74.7	76.7	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
AI 8000	60.7	75.3	77.3	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
AI 7000	60.7	75.3	77.3	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
AI 6000	61.3	76.0	78.0	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
AI 5000	62.0	76.7	78.7	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
AI 4500	62.0	76.7	78.7	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
AI 4000	64.0	78.7	80.7	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
AI 3500	66.0	81.3	83.3	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
AI 3000	67.3	82.7	84.7	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
AI 2500	72.7	88.7	90.7	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
AI 2000	73.3	90.7	92.7	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
AI 1800	73.3	91.3	93.3	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
AI 1500	74.0	92.0	94.0	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
AI 1200	74.7	94.7	97.3	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
AI 1000	74.7	94.7	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
AI 900	74.7	94.7	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
AI 800	74.7	94.7	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
AI 700	74.7	94.7	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
AI 600	74.7	94.7	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
AI 500	74.7	94.7	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
AI 400	74.7	94.7	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
AI 300	74.7	94.7	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
AI 200	74.7	94.7	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
AI 100	74.7	94.7	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
AI 0	74.7	94.7	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7

150

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93112 STATION

SAN DIEGO, CALIFORNIA

73-77

STATION NAME

YEARS

APR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

19 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	49.3	62.7	63.3	63.3	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 20000	50.0	64.7	65.3	65.3	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 18000	50.7	65.3	66.0	66.0	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 16000	50.7	65.3	66.0	66.0	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 14000	50.7	65.3	66.0	66.0	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 12000	51.3	66.0	66.7	66.7	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 10000	51.3	66.0	66.7	66.7	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 9000	51.3	66.0	66.7	66.7	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 8000	52.0	66.7	67.3	67.3	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 7000	52.0	66.7	67.3	67.3	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 6000	52.7	67.3	68.0	68.0	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 5000	53.3	68.0	68.7	68.7	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 4500	53.3	68.0	68.7	68.7	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 4000	54.0	68.7	69.3	69.3	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 3500	55.3	70.7	71.3	71.3	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 3000	58.0	74.0	74.7	74.7	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 2500	61.3	78.0	78.7	78.7	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 2000	65.3	84.0	84.7	84.7	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 1800	66.0	87.3	88.0	88.0	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 1500	67.3	90.7	91.3	92.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 1200	67.3	92.7	94.0	95.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1000	67.3	94.0	95.3	96.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 900	67.3	94.0	95.3	96.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 800	67.3	94.0	95.3	96.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 700	67.3	94.0	95.3	97.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 600	67.3	94.0	95.3	97.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 500	67.3	94.0	95.3	97.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 400	67.3	94.0	95.3	98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	67.3	94.0	95.3	98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	67.3	94.0	95.3	98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	67.3	94.0	95.3	98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	67.3	94.0	95.3	98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 150

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

73-77

YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

22
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	44.7	61.3	62.0	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 20000	45.3	62.0	62.7	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 18000	45.3	62.0	62.7	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 16000	45.3	62.0	62.7	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 14000	45.3	62.0	62.7	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 12000	45.3	62.0	62.7	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 10000	45.3	62.0	62.7	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 9000	45.3	62.0	62.7	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
8000	45.3	62.0	62.7	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
7000	45.3	62.0	62.7	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
6000	45.3	62.0	62.7	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
5000	46.0	62.7	63.3	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
4500	46.7	64.0	64.7	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
4000	46.7	64.0	64.7	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
3500	49.3	68.7	69.3	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
3000	50.7	70.7	71.3	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
2500	53.3	75.3	76.7	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
2000	54.7	79.3	80.7	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
1800	54.7	80.0	81.3	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
1500	57.3	88.7	90.0	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
1200	57.3	91.3	94.0	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
1000	57.3	92.0	95.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
900	57.3	92.0	95.3	97.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
800	57.3	93.3	96.7	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
700	57.3	93.3	96.7	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
600	57.3	93.3	96.7	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
500	57.3	93.3	96.7	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
400	57.3	93.3	96.7	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
300	57.3	93.3	96.7	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
200	57.3	93.3	96.7	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100	57.3	93.3	96.7	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	57.3	93.3	96.7	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

150

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

73-77

YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½
NO CEILING	40.6	54.5	56.2	56.6	56.9	57.0	57.0	57.0	57.1	57.1	57.1	57.2
≥ 20000	42.2	56.8	58.6	59.0	59.3	59.4	59.4	59.4	59.5	59.5	59.5	59.6
≥ 18000	42.3	56.9	58.8	59.2	59.5	59.6	59.6	59.6	59.7	59.7	59.7	59.8
≥ 16000	42.3	56.9	58.8	59.2	59.5	59.6	59.6	59.6	59.7	59.7	59.7	59.8
≥ 14000	42.5	57.1	58.9	59.3	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.9
≥ 12000	42.7	57.3	59.2	59.6	59.9	60.0	60.0	60.0	60.1	60.1	60.1	60.2
≥ 10000	42.8	57.5	59.3	59.8	60.1	60.2	60.2	60.2	60.3	60.3	60.3	60.4
≥ 9000	42.8	57.5	59.3	59.8	60.1	60.2	60.2	60.2	60.3	60.3	60.3	60.4
8000	43.1	57.9	59.8	60.2	60.5	60.6	60.6	60.6	60.7	60.7	60.7	60.8
7000	43.2	58.0	59.8	60.3	60.6	60.7	60.7	60.7	60.8	60.8	60.8	60.9
6000	43.5	58.4	60.3	60.7	61.0	61.1	61.1	61.1	61.2	61.2	61.2	61.3
5000	44.3	59.3	61.1	61.5	61.8	61.9	61.9	61.9	62.0	62.0	62.0	62.1
4500	44.5	59.6	61.4	61.8	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.4
4000	45.8	61.2	63.0	63.4	63.8	63.8	63.8	63.8	63.9	63.9	63.9	64.0
3500	48.1	63.9	65.8	66.2	66.5	66.6	66.6	66.6	66.7	66.7	66.7	66.8
3000	50.9	67.7	69.5	69.9	70.3	70.3	70.4	70.4	70.5	70.5	70.5	70.6
2500	56.3	75.5	77.6	78.0	78.3	78.4	78.5	78.5	78.6	78.6	78.7	78.8
2000	58.1	79.3	81.5	81.9	82.3	82.3	82.4	82.4	82.5	82.5	82.6	82.7
1800	58.7	81.0	83.3	83.8	84.2	84.3	84.3	84.3	84.4	84.4	84.5	84.6
1500	60.4	85.0	87.9	88.5	88.9	89.0	89.1	89.1	89.2	89.2	89.3	89.3
1200	60.8	87.1	90.8	91.6	92.3	92.3	92.4	92.4	92.5	92.5	92.6	92.7
1000	61.0	88.8	92.8	94.1	95.0	95.1	95.2	95.2	95.3	95.3	95.3	95.4
900	61.0	89.3	93.0	94.4	95.6	95.7	95.8	96.0	96.1	96.1	96.2	96.3
800	61.0	89.3	93.6	95.4	96.8	96.8	97.0	97.0	97.2	97.3	97.3	97.4
700	61.1	89.5	93.8	96.0	97.6	97.7	97.8	98.0	98.1	98.1	98.2	98.3
600	61.1	89.6	94.1	96.3	97.9	98.0	98.2	98.3	98.4	98.4	98.6	98.7
500	61.1	89.6	94.1	96.6	98.3	98.3	98.5	98.7	98.8	98.9	99.1	99.2
400	61.1	89.6	94.2	96.8	98.7	98.8	99.0	99.0	99.2	99.3	99.5	99.6
300	61.1	89.6	94.2	96.8	98.7	98.8	99.1	99.1	99.3	99.4	99.5	99.7
200	61.1	89.6	94.2	96.8	98.7	98.8	99.1	99.1	99.3	99.4	99.5	99.8
100	61.1	89.6	94.2	96.8	98.7	98.8	99.1	99.1	99.3	99.4	99.5	99.8
0	61.1	89.6	94.2	96.8	98.7	98.8	99.1	99.1	99.3	99.4	99.5	99.8

1200

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

73-77

YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

01
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	9.7	19.4	20.7	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3
≥ 20000	9.7	19.4	20.7	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3
≥ 18000	9.7	19.4	20.7	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3
≥ 16000	9.7	19.4	20.7	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3
≥ 14000	9.7	19.4	20.7	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3
≥ 12000	9.7	19.4	20.7	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3
≥ 10000	9.7	19.4	20.7	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3
≥ 9000	9.7	19.4	20.7	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3
≥ 8000	11.0	20.7	21.9	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6
≥ 7000	11.6	21.3	22.6	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2
≥ 6000	11.6	21.3	22.6	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2
≥ 5000	11.6	21.9	23.2	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9
≥ 4500	11.6	22.6	23.9	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5
≥ 4000	12.3	23.2	24.5	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2
≥ 3500	14.8	26.5	27.7	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4
≥ 3000	16.8	29.0	30.3	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0
≥ 2500	24.5	40.7	41.9	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6
≥ 2000	28.4	48.4	49.7	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
≥ 1800	29.0	49.7	51.0	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
≥ 1500	31.0	60.0	61.9	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 1200	35.5	70.3	72.9	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 1000	35.5	74.8	78.7	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 900	36.1	76.8	81.3	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 800	36.8	80.0	85.2	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 700	36.8	83.2	89.0	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 600	36.8	83.9	91.0	92.9	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 500	37.4	85.2	92.3	95.5	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 400	37.4	85.2	92.3	95.5	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 300	37.4	85.2	92.9	96.1	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 200	37.4	85.2	92.9	96.1	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 100	37.4	85.2	92.9	95.1	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 0	37.4	85.2	92.9	96.1	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93112

SAN DIEGO, CALIFORNIA

73-77

MAY

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

04
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	9.7	14.8	14.8	14.8	14.8	14.8	15.5	15.5	15.5	15.5	15.5	15.5	15.5
≥ 20000	10.3	15.5	15.5	15.5	15.5	15.5	16.1	16.1	16.1	16.1	16.1	16.1	16.1
≥ 18000	10.3	15.5	15.5	15.5	15.5	15.5	16.1	16.1	16.1	16.1	16.1	16.1	16.1
≥ 16000	10.3	15.5	15.5	15.5	15.5	15.5	16.1	16.1	16.1	16.1	16.1	16.1	16.1
≥ 14000	10.3	15.5	15.5	15.5	15.5	15.5	16.1	16.1	16.1	16.1	16.1	16.1	16.1
≥ 12000	10.3	15.5	15.5	15.5	15.5	15.5	16.1	16.1	16.1	16.1	16.1	16.1	16.1
≥ 10000	11.0	16.1	16.1	16.1	16.1	16.1	16.8	16.8	16.8	16.8	16.8	16.8	16.8
≥ 9000	11.6	16.8	16.8	16.8	16.8	16.8	17.4	17.4	17.4	17.4	17.4	17.4	17.4
8000	11.6	16.8	16.8	16.8	16.8	16.8	17.4	17.4	17.4	17.4	17.4	17.4	17.4
7000	11.6	16.8	16.8	16.8	16.8	16.8	17.4	17.4	17.4	17.4	17.4	17.4	17.4
6000	11.6	16.8	16.8	16.8	16.8	16.8	17.4	17.4	17.4	17.4	17.4	17.4	17.4
5000	12.3	17.4	17.4	17.4	17.4	17.4	18.1	18.1	18.1	18.1	18.1	18.1	18.1
4500	12.9	18.7	18.7	18.7	18.7	18.7	19.4	19.4	19.4	19.4	19.4	19.4	19.4
4000	12.9	18.7	18.7	18.7	18.7	18.7	19.4	19.4	19.4	19.4	19.4	19.4	19.4
3500	14.2	20.0	20.0	20.0	20.0	20.0	20.7	20.7	20.7	20.7	20.7	20.7	20.7
3000	16.1	23.2	23.2	23.2	23.2	23.2	23.9	23.9	23.9	23.9	23.9	23.9	23.9
2500	20.7	31.6	31.6	31.6	31.6	31.6	32.3	32.3	32.3	32.3	32.3	32.3	32.3
2000	24.5	41.3	41.3	41.3	41.3	41.3	41.9	41.9	41.9	41.9	41.9	41.9	41.9
1800	26.5	45.8	45.8	45.8	45.8	45.8	47.1	47.1	47.1	47.1	47.1	47.1	47.1
1500	29.7	55.5	55.5	55.5	55.5	55.5	57.4	57.4	57.4	57.4	57.4	57.4	57.4
1200	33.6	67.7	70.3	71.0	71.0	71.0	71.6	71.6	71.6	71.6	71.6	71.6	71.6
1000	33.6	74.8	77.4	78.1	78.1	78.1	78.7	78.7	78.7	78.7	78.7	78.7	78.7
900	33.6	75.5	78.7	80.0	80.0	80.0	80.7	80.7	80.7	80.7	80.7	80.7	80.7
800	33.6	76.8	80.7	81.9	81.9	81.9	82.6	82.6	82.6	82.6	82.6	82.6	82.6
700	33.6	80.0	85.2	86.5	86.5	86.5	87.1	87.1	87.1	87.1	87.1	87.1	87.1
600	33.6	80.0	85.8	88.4	88.4	88.4	89.0	89.0	89.0	89.0	89.0	89.0	89.0
500	33.6	80.7	87.1	90.3	91.0	91.0	91.6	91.6	91.6	91.6	91.6	91.6	91.6
400	33.6	80.7	87.1	91.6	92.9	93.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2
300	33.6	80.7	87.1	91.6	93.6	94.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5
200	33.6	80.7	87.1	91.6	93.6	94.2	96.1	96.1	96.1	96.1	96.1	96.1	96.1
100	33.6	80.7	87.1	91.6	93.6	94.2	96.1	96.1	96.1	96.1	96.1	96.1	96.1
0	33.6	80.7	87.1	91.6	93.6	94.2	96.1	96.1	96.1	96.1	96.1	96.1	96.1

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

73-77

YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

07
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														≥ 0
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	
NO CEILING	8.4	11.0	11.6	11.6	12.3	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9
≥ 20000	9.0	11.6	12.3	12.3	12.9	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6
≥ 18000	9.0	11.6	12.3	12.3	12.9	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6
≥ 16000	9.0	11.6	12.3	12.3	12.9	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6
≥ 14000	9.0	11.6	12.3	12.3	12.9	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6
≥ 12000	9.0	11.6	12.3	12.3	12.9	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6
≥ 10000	9.7	12.3	12.9	12.9	13.6	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2
≥ 9000	9.7	12.3	12.9	12.9	13.6	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2
≥ 8000	9.7	12.3	12.9	12.9	13.6	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2
≥ 7000	9.7	12.3	12.9	12.9	13.6	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2
≥ 6000	9.7	12.3	12.9	12.9	13.6	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2
≥ 5000	9.7	12.3	12.9	12.9	13.6	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2
≥ 4500	11.0	13.6	14.2	14.2	14.8	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5
≥ 4000	11.6	14.8	15.5	15.5	16.1	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8
≥ 3500	15.5	18.7	19.4	19.4	20.0	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7
≥ 3000	18.1	22.6	23.2	23.2	23.9	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5
≥ 2500	24.5	31.0	31.6	31.6	32.3	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9
≥ 2000	29.7	41.9	43.2	43.2	43.9	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5
≥ 1800	31.0	47.7	49.0	49.0	49.7	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
≥ 1500	31.6	56.1	60.0	60.7	61.3	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 1200	34.2	61.3	65.8	68.4	69.0	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 1000	34.2	66.5	72.9	77.4	78.1	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 900	34.2	66.5	72.9	77.4	79.4	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 800	34.2	66.5	73.6	79.4	81.3	83.2	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 700	34.2	67.7	75.5	82.6	85.2	87.1	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 600	34.2	67.7	75.5	83.2	85.8	89.0	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 500	34.2	67.7	75.5	83.2	87.1	91.0	91.6	92.9	92.9	94.2	94.2	94.2	94.2	94.2	94.2
≥ 400	34.2	67.7	75.5	83.2	87.1	91.0	92.3	93.6	94.2	96.1	96.1	96.1	96.1	96.1	96.1
≥ 300	34.2	67.7	75.5	83.2	87.1	91.0	92.9	94.2	94.8	97.4	98.1	98.1	98.1	98.1	98.1
≥ 200	34.2	67.7	75.5	83.2	87.1	91.0	92.9	94.2	94.8	98.1	99.4	99.4	99.4	99.4	99.4
≥ 100	34.2	67.7	75.5	83.2	87.1	91.0	92.9	94.2	94.8	98.1	99.4	99.4	99.4	99.4	99.4
≥ 0	34.2	67.7	75.5	83.2	87.1	91.0	92.9	94.2	94.8	98.1	99.4	99.4	99.4	99.4	99.4

155

TOTAL NUMBER OF OBSERVATIONS

2

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

73-77

YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

10
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	16.1	27.7	31.6	33.6	35.5	35.5	36.1	36.1	36.1	36.1	36.1	36.1	36.1
≥ 20000	17.4	30.3	34.2	36.1	38.1	38.1	38.7	38.7	38.7	38.7	38.7	38.7	38.7
≥ 18000	17.4	30.3	34.2	36.1	38.1	38.1	38.7	38.7	38.7	38.7	38.7	38.7	38.7
≥ 16000	17.4	30.3	34.2	36.1	38.1	38.1	38.7	38.7	38.7	38.7	38.7	38.7	38.7
≥ 14000	18.1	31.0	34.8	36.8	38.7	38.7	39.4	39.4	39.4	39.4	39.4	39.4	39.4
≥ 12000	18.1	31.0	34.8	36.8	38.7	38.7	39.4	39.4	39.4	39.4	39.4	39.4	39.4
≥ 10000	19.4	32.3	36.1	38.1	40.0	40.0	40.7	40.7	40.7	40.7	40.7	40.7	40.7
≥ 9000	19.4	32.3	36.1	38.1	40.0	40.0	40.7	40.7	40.7	40.7	40.7	40.7	40.7
8000	20.0	32.9	36.8	38.7	40.7	40.7	41.3	41.3	41.3	41.3	41.3	41.3	41.3
7000	20.0	32.9	36.8	38.7	40.7	40.7	41.3	41.3	41.3	41.3	41.3	41.3	41.3
6000	20.7	33.6	37.4	39.4	41.3	41.3	41.9	41.9	41.9	41.9	41.9	41.9	41.9
5000	20.7	33.6	37.4	39.4	41.3	41.3	41.9	41.9	41.9	41.9	41.9	41.9	41.9
4500	21.9	34.8	38.7	40.7	42.6	42.6	43.2	43.2	43.2	43.2	43.2	43.2	43.2
4000	21.9	34.8	38.7	40.7	42.6	42.6	43.2	43.2	43.2	43.2	43.2	43.2	43.2
3500	27.7	41.3	45.2	47.1	49.0	49.0	49.7	49.7	49.7	49.7	49.7	49.7	49.7
3000	32.3	47.7	51.6	53.6	55.5	55.5	56.1	56.1	56.1	56.1	56.1	56.1	56.1
2500	36.8	54.2	58.1	60.0	61.9	61.9	62.6	62.6	62.6	62.6	62.6	62.6	62.6
2000	38.7	60.7	65.8	67.7	69.7	69.7	70.3	70.3	70.3	70.3	70.3	70.3	70.3
1800	39.4	65.2	71.0	72.9	74.8	74.8	75.5	75.5	75.5	75.5	75.5	75.5	75.5
1500	40.0	69.0	74.8	78.7	80.7	80.7	81.3	81.3	81.3	81.3	81.3	81.3	81.3
1200	41.3	71.6	78.1	82.6	84.5	84.5	85.2	85.2	85.2	85.2	85.2	85.2	85.2
1000	41.3	72.9	81.3	87.1	89.0	89.0	90.3	90.3	90.3	90.3	90.3	90.3	90.3
900	41.3	73.6	81.9	88.4	90.3	91.0	91.6	91.6	91.6	91.6	91.6	91.6	91.6
800	41.3	74.2	82.6	91.0	92.9	94.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5
700	41.3	74.8	83.2	92.9	94.8	96.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4
600	41.3	74.8	83.2	92.9	95.5	96.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1
500	41.3	74.8	83.2	92.9	96.1	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4
400	41.3	74.8	83.2	92.9	96.1	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4
300	41.3	74.8	83.2	92.9	96.1	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0
200	41.3	74.8	83.2	92.9	96.1	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100	41.3	74.8	83.2	92.9	96.1	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	41.3	74.8	83.2	92.9	96.1	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

73-77

YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

13
HOURS (L S T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 1/8	≥ 0
NO CEILING	27.1	48.4	54.2	56.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 20000	29.0	50.3	56.8	58.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 18000	29.0	50.3	56.8	58.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 16000	29.0	50.3	56.8	58.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 14000	29.7	51.0	57.4	59.4	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 12000	30.3	51.6	58.1	60.0	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 10000	30.3	51.6	58.1	60.0	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 9000	30.3	51.6	58.1	60.0	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 8000	31.0	52.3	58.7	60.7	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 7000	31.0	52.3	58.7	60.7	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 6000	31.0	52.3	58.7	60.7	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 5000	31.0	52.3	58.7	60.7	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 4500	31.0	52.3	58.7	60.7	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 4000	32.9	54.2	60.7	62.6	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 3500	36.1	57.4	63.9	65.8	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 3000	40.0	61.3	67.7	69.7	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 2500	41.3	65.2	71.6	73.6	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 2000	43.2	69.7	76.1	78.1	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 1800	44.5	71.6	78.1	80.0	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 1500	45.8	77.4	84.5	87.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 1200	45.8	78.1	85.2	89.7	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 1000	45.8	80.7	88.4	93.6	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 900	45.8	81.3	89.0	94.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 800	45.8	81.3	89.7	95.5	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 700	45.8	81.3	89.7	96.1	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 600	45.8	81.9	90.3	96.8	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500	45.8	81.9	90.3	96.8	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	45.8	81.9	90.3	96.8	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	45.8	81.9	90.3	96.8	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	45.8	81.9	90.3	96.8	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	45.8	81.9	90.3	96.8	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	45.8	81.9	90.3	96.8	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

155

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

73-77

YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

16
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	32.9	49.7	51.0	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	52.3
≥ 20000	34.8	52.9	54.2	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	55.5
≥ 18000	34.8	52.9	54.2	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	55.5
≥ 16000	34.8	52.9	54.2	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	55.5
≥ 14000	34.8	52.9	54.2	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	55.5
≥ 12000	36.1	54.8	56.1	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	57.4
≥ 10000	36.1	54.8	56.1	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	57.4
≥ 9000	36.1	54.8	56.1	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	57.4
≥ 8000	36.8	55.5	56.8	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	58.1
≥ 7000	37.4	56.1	57.4	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.7
≥ 6000	37.4	56.1	57.4	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.7
≥ 5000	37.4	56.1	57.4	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.7
≥ 4500	37.4	56.1	57.4	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.7
≥ 4000	38.7	57.4	58.7	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	60.0
≥ 3500	40.0	60.0	61.3	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	62.6
≥ 3000	41.3	62.6	63.9	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	65.2
≥ 2500	45.2	69.7	71.0	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	72.3
≥ 2000	47.1	74.8	76.1	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	77.4
≥ 1800	47.7	76.1	77.4	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.7
≥ 1500	51.0	81.9	84.5	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.8
≥ 1200	51.0	83.9	88.4	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.7
≥ 1000	52.9	88.4	92.9	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	94.2
≥ 900	53.6	89.0	93.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.8
≥ 800	53.6	89.7	94.2	95.5	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.8
≥ 700	53.6	90.3	94.8	96.1	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	97.4
≥ 600	53.6	90.3	94.8	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	98.1
≥ 500	53.6	91.0	95.5	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.7
≥ 400	53.6	91.0	95.5	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	99.4
≥ 300	53.6	91.0	95.5	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	100.0
≥ 200	53.6	91.0	95.5	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	100.0
≥ 100	53.6	91.0	95.5	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	100.0
≥ 0	53.6	91.0	95.5	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	100.0

155

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

73-77

YEARS

MAY
MONTH

19
HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ ½
NO CEILING	24.5	38.1	39.4	40.0	40.7	40.7	40.7	40.7	40.7	40.7	40.7
≥ 20000	25.2	40.0	41.3	41.9	42.6	42.6	42.6	42.6	42.6	42.6	42.6
≥ 18000	25.2	40.0	41.3	41.9	42.6	42.6	42.6	42.6	42.6	42.6	42.6
≥ 16000	25.2	40.0	41.3	41.9	42.6	42.6	42.6	42.6	42.6	42.6	42.6
≥ 14000	25.2	40.0	41.3	41.9	42.6	42.6	42.6	42.6	42.6	42.6	42.6
≥ 12000	25.8	40.7	41.9	42.6	43.2	43.2	43.2	43.2	43.2	43.2	43.2
≥ 10000	25.8	40.7	41.9	42.6	43.2	43.2	43.2	43.2	43.2	43.2	43.2
≥ 9000	27.7	42.6	43.9	44.5	45.2	45.2	45.2	45.2	45.2	45.2	45.2
≥ 8000	27.7	42.6	43.9	44.5	45.2	45.2	45.2	45.2	45.2	45.2	45.2
≥ 7000	27.7	42.6	43.9	44.5	45.2	45.2	45.2	45.2	45.2	45.2	45.2
≥ 6000	27.7	42.6	43.9	44.5	45.2	45.2	45.2	45.2	45.2	45.2	45.2
≥ 5000	27.7	42.6	43.9	44.5	45.2	45.2	45.2	45.2	45.2	45.2	45.2
≥ 4500	28.4	43.9	45.2	45.8	46.5	46.5	46.5	46.5	46.5	46.5	46.5
≥ 4000	28.4	44.5	45.8	46.5	47.1	47.1	47.1	47.1	47.1	47.1	47.1
≥ 3500	29.0	45.8	47.1	47.7	48.4	48.4	48.4	48.4	48.4	48.4	48.4
≥ 3000	31.0	48.4	49.7	50.3	51.0	51.0	51.0	51.0	51.0	51.0	51.0
≥ 2500	34.8	54.8	56.1	56.8	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 2000	38.7	61.9	63.2	63.9	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 1800	41.3	65.2	66.5	67.1	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 1500	43.2	72.9	75.5	76.1	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 1200	44.5	77.4	80.0	81.3	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 1000	45.8	82.6	85.8	87.1	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 900	46.5	83.9	87.1	88.4	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 800	46.5	87.1	90.3	94.2	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 700	46.5	87.7	91.0	95.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 600	46.5	87.7	92.3	96.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 500	46.5	87.7	92.3	96.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 400	46.5	87.7	92.3	96.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 300	46.5	87.7	92.3	96.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 200	46.5	87.7	92.3	96.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 100	46.5	87.7	92.3	96.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1
0	46.5	87.7	92.3	96.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

73-77

YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

22
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ 5/16
NO CEILING	15.5	28.4	29.7	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3
≥ 20000	16.8	29.7	31.0	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6
≥ 18000	16.8	29.7	31.0	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6
≥ 16000	16.8	29.7	31.0	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6
≥ 14000	16.8	29.7	31.0	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6
≥ 12000	16.8	29.7	31.0	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6
≥ 10000	16.8	29.7	31.0	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6
≥ 9000	18.1	31.0	32.3	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9
≥ 8000	18.1	31.6	32.9	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6
≥ 7000	18.1	31.6	32.9	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6
≥ 6000	18.1	31.6	32.9	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6
≥ 5000	18.1	31.6	32.9	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6
≥ 4500	18.1	32.3	33.6	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2
≥ 4000	19.4	33.6	34.8	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5
≥ 3500	19.4	34.2	35.5	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1
≥ 3000	23.2	38.7	40.0	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7
≥ 2500	29.0	45.2	46.5	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
≥ 2000	29.7	51.0	52.3	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
≥ 1800	33.6	55.5	56.8	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 1500	38.1	67.7	69.0	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 1200	39.4	74.8	76.1	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 1000	39.4	80.0	81.9	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 900	39.4	81.9	85.2	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 800	41.9	85.8	90.3	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 700	41.9	87.1	91.6	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 600	41.9	89.0	94.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 500	41.9	89.0	96.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 400	41.9	89.0	96.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 300	41.9	89.0	96.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 200	41.9	89.0	96.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 100	41.9	89.0	96.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
0	41.9	89.0	96.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

73-77

YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	18.0	29.7	31.6	32.4	33.1	33.2	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.4
≥ 20000	19.0	31.2	33.2	34.0	34.7	34.8	34.9	34.9	34.9	34.9	34.9	34.9	34.9	35.0
≥ 18000	19.0	31.2	33.2	34.0	34.7	34.8	34.9	34.9	34.9	34.9	34.9	34.9	34.9	35.0
≥ 16000	19.0	31.2	33.2	34.0	34.7	34.8	34.9	34.9	34.9	34.9	34.9	34.9	34.9	35.0
≥ 14000	19.2	31.4	33.4	34.2	34.8	34.9	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.2
≥ 12000	19.5	31.8	33.8	34.6	35.2	35.3	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.6
≥ 10000	19.8	32.1	34.1	34.9	35.6	35.7	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.9
≥ 9000	20.5	32.7	34.8	35.6	36.2	36.3	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5
≥ 8000	20.8	33.2	35.2	36.0	36.6	36.7	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9
≥ 7000	20.9	33.2	35.2	36.1	36.7	36.8	36.9	36.9	36.9	36.9	36.9	36.9	36.9	37.0
≥ 6000	21.0	33.4	35.4	36.2	36.9	37.0	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.2
≥ 5000	21.1	33.5	35.5	36.3	36.9	37.0	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.3
≥ 4500	21.5	34.3	36.3	37.1	37.7	37.8	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.1
≥ 4000	22.3	35.2	37.2	38.0	38.6	38.7	38.9	38.9	38.9	38.9	38.9	38.9	38.9	39.0
≥ 3500	24.6	38.0	40.0	40.8	41.5	41.5	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.8
≥ 3000	27.3	41.7	43.7	44.5	45.2	45.2	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.5
≥ 2500	32.1	49.0	51.1	51.9	52.5	52.6	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.8
≥ 2000	35.0	56.2	58.5	59.3	59.9	60.0	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
≥ 1800	36.6	59.6	62.0	62.8	63.5	63.6	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.8
≥ 1500	38.8	67.6	70.9	72.2	72.8	72.9	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.2
≥ 1200	40.7	73.2	77.1	79.0	79.7	79.8	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.1
≥ 1000	41.1	77.6	82.4	84.8	85.5	85.7	85.9	85.9	85.9	85.9	85.9	85.9	85.9	86.0
≥ 900	41.3	78.6	83.7	86.4	87.2	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.7
≥ 800	41.7	80.2	85.8	89.3	90.2	90.7	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.1
≥ 700	41.7	81.5	87.5	91.6	92.7	93.2	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.6
≥ 600	41.7	81.9	88.5	93.1	94.3	94.9	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.3
≥ 500	41.8	82.3	89.0	94.0	95.7	96.5	96.9	97.3	97.3	97.3	97.3	97.3	97.3	97.6
≥ 400	41.8	82.3	89.0	94.2	95.9	96.8	97.3	97.7	97.9	98.2	98.2	98.2	98.2	98.3
≥ 300	41.8	82.3	89.1	94.3	96.1	96.9	97.7	98.2	98.3	98.8	98.9	98.9	98.9	99.0
≥ 200	41.8	82.3	89.1	94.3	96.1	96.9	97.9	98.3	98.5	99.1	99.3	99.4	99.4	99.5
≥ 100	41.8	82.3	89.1	94.3	96.1	96.9	97.9	98.3	98.5	99.1	99.4	99.4	99.4	99.5
≥ 0	41.8	82.3	89.1	94.3	96.1	96.9	97.9	98.3	98.5	99.1	99.4	99.4	99.4	99.5

1240

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

73-77

YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

01
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	6.0	17.3	18.0	19.3	19.3	19.3	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
≥ 20000	6.7	18.7	19.3	20.7	20.7	20.7	21.3	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0
≥ 18000	6.7	18.7	19.3	20.7	20.7	20.7	21.3	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0
≥ 16000	7.3	19.3	20.0	21.3	21.3	21.3	22.0	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7
≥ 14000	7.3	19.3	20.0	21.3	21.3	21.3	22.0	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7
≥ 12000	7.3	19.3	20.0	21.3	21.3	21.3	22.0	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7
≥ 10000	7.3	19.3	20.0	21.3	21.3	21.3	22.0	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7
≥ 9000	7.3	19.3	20.0	21.3	21.3	21.3	22.0	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7
≥ 8000	7.3	19.3	20.0	21.3	21.3	21.3	22.0	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7
≥ 7000	7.3	19.3	20.0	21.3	21.3	21.3	22.0	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7
≥ 6000	8.0	20.0	20.7	22.0	22.0	22.0	22.7	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3
≥ 5000	8.0	20.0	20.7	22.0	22.0	22.0	22.7	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3
≥ 4500	8.0	20.0	20.7	22.0	22.0	22.0	22.7	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3
≥ 4000	8.0	20.0	20.7	22.0	22.0	22.0	22.7	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3
≥ 3500	8.7	21.3	22.0	23.3	23.3	23.3	24.0	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7
≥ 3000	10.0	22.7	23.3	24.7	24.7	24.7	25.3	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0
≥ 2500	11.3	24.7	25.3	26.7	26.7	26.7	27.3	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0
≥ 2000	12.7	26.0	26.7	28.0	28.0	28.0	28.7	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3
≥ 1800	14.7	28.7	29.3	30.7	30.7	30.7	31.3	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0
≥ 1500	24.0	41.3	42.7	44.0	44.0	44.0	44.7	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
≥ 1200	26.0	51.3	52.7	54.0	54.0	54.0	54.7	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
≥ 1000	27.3	60.7	62.7	64.0	64.0	64.0	64.7	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 900	27.3	65.3	68.7	71.3	71.3	71.3	72.0	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 800	27.3	71.3	76.7	79.3	79.3	79.3	80.0	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 700	28.0	76.7	83.3	86.0	86.0	86.0	87.3	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 600	28.0	80.7	88.0	92.0	92.7	92.7	93.3	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 500	28.0	81.3	90.0	94.0	95.3	95.3	96.0	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 400	28.0	81.3	90.0	94.0	95.3	95.3	96.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 300	28.0	81.3	90.0	94.0	95.3	95.3	96.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 200	28.0	81.3	90.0	94.0	95.3	95.3	96.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 100	28.0	81.3	90.0	94.0	95.3	95.3	96.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
0	28.0	81.3	90.0	94.0	95.3	95.3	96.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0

TOTAL NUMBER OF OBSERVATIONS

150

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

73-77

YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

04
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														≥ 0
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	
NO CEILING	4.0	11.3	14.0	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	16.0
≥ 20000	4.0	11.3	14.0	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	16.0
≥ 18000	4.0	11.3	14.0	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	16.0
≥ 16000	4.7	12.0	14.7	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	16.7
≥ 14000	4.7	12.0	14.7	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	16.7
≥ 12000	4.7	12.0	14.7	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	16.7
≥ 10000	4.7	12.0	14.7	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	16.7
≥ 9000	4.7	12.0	14.7	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	16.7
≥ 8000	4.7	12.0	14.7	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	16.7
≥ 7000	4.7	12.0	14.7	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	16.7
≥ 6000	4.7	12.0	14.7	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	16.7
≥ 5000	4.7	12.0	14.7	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	16.7
≥ 4500	4.7	12.0	14.7	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	16.7
≥ 4000	5.3	12.7	15.3	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	17.3
≥ 3500	5.3	12.7	15.3	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	17.3
≥ 3000	8.0	15.3	18.0	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	20.0
≥ 2500	10.0	18.0	20.7	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	22.7
≥ 2000	13.3	22.0	24.7	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	26.7
≥ 1800	15.3	24.0	26.7	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	28.7
≥ 1500	18.7	31.3	34.0	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	36.7
≥ 1200	19.3	43.3	46.0	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	48.7
≥ 1000	20.7	53.3	57.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	60.7
≥ 900	21.3	55.3	61.3	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	66.0
≥ 800	22.0	60.7	68.7	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	74.0
≥ 700	22.0	63.3	75.3	78.7	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	82.0
≥ 600	22.0	66.0	81.3	86.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	89.3
≥ 500	22.0	66.0	82.0	88.0	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	92.0
≥ 400	22.0	66.7	82.7	88.7	92.0	93.3	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	96.0
≥ 300	22.0	66.7	82.7	88.7	92.0	93.3	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	97.3
≥ 200	22.0	66.7	83.3	89.3	92.7	94.0	95.3	96.0	96.0	96.0	96.0	96.0	96.0	96.0	98.7
≥ 100	22.0	66.7	83.3	89.3	92.7	94.0	95.3	96.0	96.0	96.0	96.0	96.0	96.0	96.0	99.3
≥ 0	22.0	66.7	83.3	89.3	92.7	94.0	95.3	96.0	96.0	96.0	96.0	96.0	96.0	96.0	100.0

TOTAL NUMBER OF OBSERVATIONS

150

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

73-77

YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

07
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														≥ 0
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	
NO CEILING	4.0	11.3	16.0	16.7	17.3	17.3	17.3	17.3	17.3	18.0	18.0	18.0	18.0	18.0	18.0
≥ 20000	4.0	11.3	16.0	16.7	17.3	17.3	17.3	17.3	17.3	18.0	18.0	18.0	18.0	18.0	18.0
≥ 18000	4.0	11.3	16.0	16.7	17.3	17.3	17.3	17.3	17.3	18.0	18.0	18.0	18.0	18.0	18.0
≥ 16000	4.0	11.3	16.0	16.7	17.3	17.3	17.3	17.3	17.3	18.0	18.0	18.0	18.0	18.0	18.0
≥ 14000	4.0	11.3	16.0	16.7	17.3	17.3	17.3	17.3	17.3	18.0	18.0	18.0	18.0	18.0	18.0
≥ 12000	4.0	11.3	16.0	16.7	17.3	17.3	17.3	17.3	17.3	18.0	18.0	18.0	18.0	18.0	18.0
≥ 10000	4.0	12.0	16.7	17.3	18.0	18.0	18.0	18.0	18.0	18.7	18.7	18.7	18.7	18.7	18.7
≥ 9000	4.0	12.0	16.7	17.3	18.0	18.0	18.0	18.0	18.0	18.7	18.7	18.7	18.7	18.7	18.7
≥ 8000	4.7	12.7	17.3	18.0	18.7	18.7	18.7	18.7	18.7	19.3	19.3	19.3	19.3	19.3	19.3
≥ 7000	4.7	12.7	17.3	18.0	18.7	18.7	18.7	18.7	18.7	19.3	19.3	19.3	19.3	19.3	19.3
≥ 6000	4.7	12.7	17.3	18.0	18.7	18.7	18.7	18.7	18.7	19.3	19.3	19.3	19.3	19.3	19.3
≥ 5000	4.7	12.7	17.3	18.0	18.7	18.7	18.7	18.7	18.7	19.3	19.3	19.3	19.3	19.3	19.3
≥ 4500	4.7	12.7	17.3	18.0	18.7	18.7	18.7	18.7	18.7	19.3	19.3	19.3	19.3	19.3	19.3
≥ 4000	5.3	13.3	18.0	18.7	19.3	19.3	19.3	19.3	19.3	20.0	20.0	20.0	20.0	20.0	20.0
≥ 3500	6.0	14.0	18.7	19.3	20.0	20.0	20.0	20.0	20.0	20.7	20.7	20.7	20.7	20.7	20.7
≥ 3000	8.0	16.0	20.7	21.3	22.0	22.0	22.0	22.0	22.0	22.7	22.7	22.7	22.7	22.7	22.7
≥ 2500	10.0	19.3	24.0	24.7	25.3	25.3	25.3	25.3	25.3	26.0	26.0	26.0	26.0	26.0	26.0
≥ 2000	14.0	24.0	29.3	30.0	30.7	30.7	30.7	30.7	30.7	31.3	31.3	31.3	31.3	31.3	31.3
≥ 1800	14.7	26.0	31.3	32.0	32.7	32.7	32.7	32.7	32.7	33.3	33.3	33.3	33.3	33.3	33.3
≥ 1500	19.3	36.7	42.7	44.0	44.7	44.7	44.7	44.7	44.7	45.3	45.3	45.3	45.3	45.3	45.3
≥ 1200	19.3	38.7	46.7	48.7	49.3	49.3	49.3	49.3	49.3	50.0	50.0	50.0	50.0	50.0	50.0
≥ 1000	20.0	45.3	57.3	60.7	62.0	62.0	62.0	62.0	62.0	62.7	62.7	62.7	62.7	62.7	62.7
≥ 900	20.0	45.3	60.0	66.0	68.0	68.0	68.0	68.0	68.0	68.7	68.7	68.7	68.7	68.7	68.7
≥ 800	20.0	46.7	62.7	70.0	72.0	72.0	72.0	72.0	72.0	72.7	72.7	72.7	72.7	72.7	72.7
≥ 700	20.0	47.3	66.0	76.7	82.0	83.3	84.7	84.7	84.7	86.0	86.0	86.0	86.0	86.0	86.0
≥ 600	20.0	47.3	66.0	78.7	84.7	86.0	88.7	88.7	88.7	90.0	90.0	90.0	90.0	90.0	90.0
≥ 500	20.0	47.3	66.0	79.3	86.0	87.3	90.7	90.7	90.7	92.0	92.0	92.0	92.0	92.0	92.0
≥ 400	20.0	47.3	66.0	79.3	86.0	87.3	90.7	91.3	92.0	94.0	93.3	93.3	93.3	93.3	93.3
≥ 300	20.0	47.3	66.0	79.3	86.0	88.7	92.0	92.7	93.3	95.3	97.3	97.3	97.3	97.3	97.3
≥ 200	20.0	47.3	66.0	79.3	86.0	88.7	92.0	92.7	93.3	95.3	97.3	97.3	97.3	97.3	97.3
≥ 100	20.0	47.3	66.0	79.3	86.0	88.7	92.0	92.7	93.3	95.3	97.3	97.3	97.3	97.3	97.3
0	20.0	47.3	66.0	79.3	86.0	88.7	92.0	92.7	93.3	95.3	97.3	97.3	97.3	97.3	97.3

TOTAL NUMBER OF OBSERVATIONS

150

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

73-77

YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

10
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/16
NO CEILING	13.3	38.0	46.0	47.3	50.0	50.0	50.7	50.7	50.7	50.7	50.7	50.7
≥ 20000	13.3	38.0	46.0	47.3	51.3	51.3	52.0	52.7	52.7	52.7	52.7	52.7
≥ 18000	14.0	38.7	46.7	48.0	52.0	52.0	52.7	53.3	53.3	53.3	53.3	53.3
≥ 16000	14.0	38.7	46.7	48.0	52.0	52.0	52.7	53.3	53.3	53.3	53.3	53.3
≥ 14000	14.0	38.7	46.7	48.0	52.0	52.0	52.7	53.3	53.3	53.3	53.3	53.3
≥ 12000	14.0	38.7	46.7	48.0	52.0	52.0	52.7	53.3	53.3	53.3	53.3	53.3
≥ 10000	14.0	38.7	46.7	48.0	52.0	52.7	53.3	54.0	54.0	54.0	54.0	54.0
≥ 9000	14.0	38.7	46.7	48.0	52.0	52.7	53.3	54.0	54.0	54.0	54.0	54.0
≥ 8000	14.0	38.7	46.7	48.0	52.0	52.7	53.3	54.0	54.0	54.0	54.0	54.0
≥ 7000	14.0	38.7	46.7	48.0	52.0	52.7	53.3	54.0	54.0	54.0	54.0	54.0
≥ 6000	14.0	38.7	46.7	48.0	52.0	52.7	53.3	54.0	54.0	54.0	54.0	54.0
≥ 5000	14.0	38.7	46.7	48.0	52.0	52.7	53.3	54.0	54.0	54.0	54.0	54.0
≥ 4500	14.0	38.7	46.7	48.0	52.0	52.7	53.3	54.0	54.0	54.0	54.0	54.0
≥ 4000	14.0	38.7	46.7	48.0	52.0	52.7	53.3	54.0	54.0	54.0	54.0	54.0
≥ 3500	14.7	39.3	48.0	49.3	53.3	54.0	54.7	55.3	55.3	55.3	55.3	55.3
≥ 3000	17.3	42.7	51.3	52.7	56.7	57.3	58.0	58.7	58.7	58.7	58.7	58.7
≥ 2500	20.7	47.3	56.0	57.3	61.3	62.0	62.7	63.3	63.3	63.3	63.3	63.3
≥ 2000	24.0	52.7	61.3	62.7	66.7	67.3	68.0	68.7	68.7	68.7	68.7	68.7
≥ 1800	25.3	54.0	62.7	64.0	68.0	68.7	69.3	70.0	70.0	70.0	70.0	70.0
≥ 1500	26.0	59.3	68.0	70.7	74.7	75.3	76.0	76.7	76.7	76.7	76.7	76.7
≥ 1200	26.0	64.0	73.3	76.7	80.7	81.3	82.0	82.7	82.7	82.7	82.7	82.7
≥ 1000	26.0	64.7	75.3	80.0	85.3	86.0	86.7	87.3	87.3	87.3	87.3	87.3
≥ 900	26.0	64.7	76.0	82.7	89.3	90.0	90.7	91.3	91.3	91.3	91.3	91.3
≥ 800	26.0	65.3	78.7	86.0	93.3	94.0	94.7	95.3	95.3	95.3	95.3	95.3
≥ 700	26.0	65.3	78.7	86.7	94.7	95.3	96.0	96.7	97.3	97.3	97.3	97.3
≥ 600	26.0	65.3	78.7	87.3	95.3	96.0	96.7	97.3	97.3	97.3	97.3	97.3
≥ 500	26.0	65.3	78.7	87.3	95.3	96.0	96.7	97.3	97.3	97.3	97.3	97.3
≥ 400	26.0	65.3	78.7	88.0	96.0	96.7	97.3	97.3	97.3	97.3	97.3	97.3
≥ 300	26.0	65.3	78.7	88.0	96.0	96.7	97.3	97.3	97.3	97.3	97.3	97.3
≥ 200	26.0	65.3	78.7	88.0	96.0	96.7	97.3	97.3	97.3	97.3	97.3	97.3
≥ 100	26.0	65.3	78.7	88.0	96.0	96.7	97.3	97.3	97.3	97.3	97.3	97.3
0	26.0	65.3	78.7	88.0	96.0	96.7	97.3	97.3	97.3	97.3	97.3	97.3

TOTAL NUMBER OF OBSERVATIONS

150

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

73-77

YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

13
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	30.7	62.0	67.3	70.0	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 20000	30.7	63.3	68.7	71.3	72.0	72.7	73.3	73.3	73.3	73.3	73.3	73.3
≥ 18000	30.7	63.3	68.7	71.3	72.0	72.7	73.3	73.3	73.3	73.3	73.3	73.3
≥ 16000	30.7	63.3	68.7	71.3	72.0	72.7	73.3	73.3	73.3	73.3	73.3	73.3
≥ 14000	30.7	63.3	68.7	72.0	72.7	73.3	74.0	74.0	74.0	74.0	74.0	74.0
≥ 12000	30.7	63.3	68.7	72.0	72.7	73.3	74.0	74.0	74.0	74.0	74.0	74.0
≥ 10000	30.7	63.3	68.7	72.0	72.7	73.3	74.0	74.0	74.0	74.0	74.0	74.0
≥ 8000	30.7	63.3	68.7	72.0	72.7	73.3	74.0	74.0	74.0	74.0	74.0	74.0
≥ 7000	30.7	63.3	68.7	72.0	72.7	73.3	74.0	74.0	74.0	74.0	74.0	74.0
≥ 6000	30.7	63.3	68.7	72.0	72.7	73.3	74.0	74.0	74.0	74.0	74.0	74.0
≥ 5000	30.7	63.3	68.7	72.0	72.7	73.3	74.0	74.0	74.0	74.0	74.0	74.0
≥ 4500	30.7	63.3	68.7	72.0	72.7	73.3	74.0	74.0	74.0	74.0	74.0	74.0
≥ 4000	30.7	63.3	68.7	72.0	72.7	73.3	74.0	74.0	74.0	74.0	74.0	74.0
≥ 3500	31.3	64.0	69.3	72.7	73.3	74.0	74.7	74.7	74.7	74.7	74.7	74.7
≥ 3000	32.0	65.3	70.7	74.0	74.7	75.3	76.0	76.0	76.0	76.0	76.0	76.0
≥ 2500	34.0	67.3	72.7	76.0	76.7	77.3	78.0	78.0	78.0	78.0	78.0	78.0
≥ 2000	36.0	70.7	76.0	79.3	80.0	80.7	81.3	81.3	81.3	81.3	81.3	81.3
≥ 1800	36.0	72.7	78.0	81.3	82.0	82.7	83.3	83.3	83.3	83.3	83.3	83.3
≥ 1500	37.3	76.0	82.0	85.3	86.7	87.3	88.0	88.0	88.0	88.0	88.0	88.0
≥ 1200	38.0	80.0	88.0	91.3	92.7	93.3	94.0	94.0	94.0	94.0	94.0	94.0
≥ 1000	38.7	82.7	91.3	95.3	96.7	97.3	98.0	98.0	98.0	98.0	98.0	98.0
≥ 900	38.7	82.7	92.0	96.7	98.0	98.7	99.3	99.3	99.3	99.3	99.3	99.3
≥ 800	38.7	82.7	92.0	96.7	98.0	98.7	99.3	99.3	99.3	99.3	99.3	99.3
≥ 700	38.7	82.7	92.0	96.7	98.0	98.7	99.3	99.3	99.3	99.3	99.3	99.3
≥ 600	38.7	82.7	92.0	96.7	98.0	98.7	99.3	99.3	99.3	99.3	99.3	99.3
≥ 500	38.7	83.3	92.7	97.3	98.7	99.3	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	38.7	83.3	92.7	97.3	98.7	99.3	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	38.7	83.3	92.7	97.3	98.7	99.3	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	38.7	83.3	92.7	97.3	98.7	99.3	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	38.7	83.3	92.7	97.3	98.7	99.3	100.0	100.0	100.0	100.0	100.0	100.0
0	38.7	83.3	92.7	97.3	98.7	99.3	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

150

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

73-77

YEAR

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

16
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	34.0	53.3	58.7	58.7	58.7	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 20000	34.7	54.7	60.0	60.7	60.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 18000	34.7	54.7	60.0	60.7	60.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 16000	34.7	54.7	60.0	60.7	60.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 14000	35.3	56.0	61.3	62.0	62.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 12000	35.3	56.0	61.3	62.0	62.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 10000	35.3	56.0	62.0	62.7	62.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 9000	35.3	56.0	62.0	62.7	62.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 8000	35.3	56.0	62.0	62.7	62.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 7000	35.3	56.0	62.0	62.7	62.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 6000	35.3	56.0	62.0	62.7	62.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 5000	35.3	56.0	62.0	62.7	62.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 4500	35.3	56.0	62.0	62.7	62.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 4000	35.3	56.0	62.0	62.7	62.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 3500	36.0	56.7	62.7	63.3	63.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 3000	36.7	57.3	64.0	64.7	64.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 2500	38.0	58.7	65.3	66.0	66.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 2000	40.7	62.7	69.3	70.0	70.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 1800	41.3	65.3	72.0	72.7	72.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 1500	44.7	74.7	81.3	82.0	82.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 1200	47.3	80.0	88.0	90.0	90.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 1000	50.0	83.3	92.0	94.7	94.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 900	50.0	84.0	93.3	96.0	96.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 800	50.7	84.7	94.0	97.3	97.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 700	50.7	85.3	94.7	98.0	98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	50.7	85.3	94.7	98.0	98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	50.7	85.3	94.7	98.0	98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	50.7	85.3	94.7	98.0	98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	50.7	85.3	94.7	98.0	98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	50.7	85.3	94.7	98.0	98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	50.7	85.3	94.7	98.0	98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	50.7	85.3	94.7	98.0	98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

150

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

73-77

YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

19
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														≥ 0
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	
NO CEILING	28.7	50.7	52.0	52.7	53.3	53.3	54.0	54.0	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 20000	29.3	52.0	53.3	54.7	55.3	55.3	56.0	56.7	56.7	57.3	57.3	57.3	58.0	58.0	58.0
≥ 18000	29.3	52.0	53.3	54.7	55.3	55.3	56.0	56.7	56.7	57.3	57.3	57.3	58.0	58.0	58.0
≥ 16000	29.3	52.0	53.3	54.7	55.3	55.3	56.0	56.7	56.7	57.3	57.3	57.3	58.0	58.0	58.0
≥ 14000	29.3	52.7	54.7	56.0	56.7	56.7	57.3	58.0	58.0	58.7	58.7	59.3	59.3	59.3	59.3
≥ 12000	29.3	52.7	54.7	56.0	56.7	56.7	57.3	58.0	58.0	58.7	58.7	59.3	59.3	59.3	59.3
≥ 10000	30.0	53.3	55.3	56.7	57.3	57.3	58.0	58.7	58.7	59.3	59.3	60.0	60.0	60.0	60.0
≥ 9000	30.0	53.3	55.3	56.7	57.3	57.3	58.0	58.7	58.7	59.3	59.3	60.0	60.0	60.0	60.0
≥ 8000	30.0	53.3	55.3	56.7	57.3	57.3	58.0	58.7	58.7	59.3	59.3	60.0	60.0	60.0	60.0
≥ 7000	30.0	53.3	55.3	56.7	57.3	57.3	58.0	58.7	58.7	59.3	59.3	60.0	60.0	60.0	60.0
≥ 6000	30.0	53.3	55.3	56.7	57.3	57.3	58.0	58.7	58.7	59.3	59.3	60.0	60.0	60.0	60.0
≥ 5000	30.0	54.0	56.0	57.3	58.0	58.0	58.7	59.3	59.3	60.0	60.0	60.7	60.7	60.7	60.7
≥ 4500	30.7	54.7	56.7	58.0	58.7	58.7	59.3	60.0	60.0	60.7	60.7	61.3	61.3	61.3	61.3
≥ 4000	30.7	54.7	56.7	58.0	58.7	58.7	59.3	60.0	60.0	60.7	60.7	61.3	61.3	61.3	61.3
≥ 3500	30.7	54.7	56.7	58.0	58.7	58.7	59.3	60.0	60.0	60.7	60.7	61.3	61.3	61.3	61.3
≥ 3000	30.7	54.7	56.7	58.0	58.7	58.7	59.3	60.0	60.0	60.7	60.7	61.3	61.3	61.3	61.3
≥ 2500	33.3	57.3	59.3	60.7	61.3	61.3	62.0	62.7	63.3	63.3	63.3	64.0	64.0	64.0	64.0
≥ 2000	34.0	58.7	60.7	62.0	62.7	62.7	63.3	64.0	64.7	65.3	65.3	65.3	65.3	65.3	65.3
≥ 1800	34.7	59.3	61.3	62.7	63.3	63.3	64.0	64.7	65.3	65.3	65.3	66.0	66.0	66.0	66.0
≥ 1500	38.7	67.3	70.0	71.3	72.0	72.0	72.7	73.3	74.0	74.0	74.0	74.7	74.7	74.7	74.7
≥ 1200	41.3	76.0	78.7	80.0	80.7	80.7	81.3	82.0	82.7	82.7	82.7	83.3	83.3	83.3	83.3
≥ 1000	43.3	82.0	87.3	88.7	89.3	89.3	90.0	90.7	91.3	91.3	91.3	92.0	92.0	92.0	92.0
≥ 900	43.3	84.0	91.3	93.3	94.0	94.0	94.7	95.3	95.3	96.0	96.0	96.7	96.7	96.7	96.7
≥ 800	44.0	84.7	93.3	95.3	96.0	96.0	96.7	97.3	97.3	98.0	98.0	98.7	98.7	98.7	98.7
≥ 700	44.0	84.7	93.3	95.3	96.0	96.0	96.7	97.3	97.3	98.0	98.0	98.7	98.7	98.7	98.7
≥ 600	44.0	84.7	94.0	96.0	96.7	96.7	97.3	97.3	98.0	98.7	98.7	99.3	99.3	99.3	99.3
≥ 500	44.0	84.7	94.0	96.0	96.7	96.7	97.3	97.3	98.0	98.7	98.7	99.3	99.3	99.3	99.3
≥ 400	44.0	84.7	94.0	96.0	96.7	96.7	97.3	97.3	98.0	98.7	98.7	99.3	99.3	99.3	99.3
≥ 300	44.0	84.7	94.0	96.0	96.7	96.7	97.3	97.3	98.0	98.7	98.7	99.3	99.3	99.3	99.3
≥ 200	44.0	84.7	94.0	96.0	96.7	96.7	97.3	97.3	98.0	98.7	98.7	99.3	99.3	99.3	99.3
≥ 100	44.0	84.7	94.0	96.0	96.7	96.7	97.3	97.3	98.0	98.7	98.7	99.3	99.3	99.3	99.3
≥ 0	44.0	84.7	94.0	96.0	96.7	96.7	97.3	97.3	98.0	98.7	98.7	99.3	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS

150

CEILING VERSUS VISIBILITY

93112

SAN DIEGO, CALIFORNIA

73-77

JUN

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

22
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾
NO CEILING	15.3	37.3	38.0	38.0	38.7	38.7	38.7	38.7	38.7	38.7	38.7
≥ 20000	16.0	38.0	38.7	38.7	39.3	39.3	39.3	39.3	39.3	39.3	39.3
≥ 18000	16.0	38.0	38.7	38.7	39.3	39.3	39.3	39.3	39.3	39.3	39.3
≥ 16000	16.7	38.7	39.3	39.3	40.0	40.0	40.0	40.0	40.0	40.0	40.0
≥ 14000	16.7	38.7	39.3	39.3	40.0	40.0	40.0	40.0	40.0	40.0	40.0
≥ 12000	16.7	38.7	39.3	39.3	40.0	40.0	40.0	40.0	40.0	40.0	40.0
≥ 10000	16.7	38.7	39.3	39.3	40.0	40.0	40.0	40.0	40.0	40.0	40.0
≥ 9000	16.7	38.7	39.3	39.3	40.0	40.0	40.0	40.0	40.0	40.0	40.0
≥ 8000	16.7	38.7	39.3	39.3	40.0	40.0	40.0	40.0	40.0	40.0	40.0
≥ 7000	16.7	38.7	39.3	39.3	40.0	40.0	40.0	40.0	40.0	40.0	40.0
≥ 6000	16.7	38.7	39.3	39.3	40.0	40.0	40.0	40.0	40.0	40.0	40.0
≥ 5000	16.7	38.7	39.3	39.3	40.0	40.0	40.0	40.0	40.0	40.0	40.0
≥ 4500	16.7	38.7	39.3	39.3	40.0	40.0	40.0	40.0	40.0	40.0	40.0
≥ 4000	16.7	38.7	39.3	39.3	40.0	40.0	40.0	40.0	40.0	40.0	40.0
≥ 3500	17.3	39.3	40.0	40.0	40.7	40.7	40.7	40.7	40.7	40.7	40.7
≥ 3000	18.0	40.0	40.7	40.7	41.3	41.3	41.3	41.3	41.3	41.3	41.3
≥ 2500	18.7	40.7	41.3	41.3	42.0	42.0	42.0	42.0	42.0	42.0	42.0
≥ 2000	20.7	42.7	43.3	43.3	44.0	44.0	44.0	44.0	44.0	44.0	44.0
≥ 1800	22.0	44.0	44.7	44.7	45.3	45.3	45.3	45.3	45.3	45.3	45.3
≥ 1500	29.3	54.7	56.0	56.0	56.7	56.7	56.7	56.7	56.7	56.7	56.7
≥ 1200	32.7	64.0	65.3	65.3	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 1000	35.3	74.0	76.7	76.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 900	35.3	77.3	82.0	82.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 800	35.3	80.7	86.0	87.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 700	36.0	84.0	91.3	92.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 600	36.0	84.7	92.0	94.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 500	36.0	85.3	92.7	94.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 400	36.0	85.3	92.7	95.3	97.3	97.3	98.0	98.0	98.0	98.0	98.0
≥ 300	36.0	85.3	92.7	95.3	97.3	97.3	98.0	98.7	98.7	98.7	98.7
≥ 200	36.0	85.3	92.7	95.3	97.3	97.3	98.0	98.7	98.7	99.3	99.3
≥ 100	36.0	85.3	92.7	95.3	97.3	97.3	98.0	98.7	98.7	99.3	99.3
≥ 0	36.0	85.3	92.7	95.3	97.3	97.3	98.0	98.7	98.7	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS 150

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

73-77

YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	17.0	35.2	38.8	39.7	40.3	40.3	40.7	40.8	40.9	40.9	40.9	40.9	40.9
≥ 20000	17.3	35.9	39.5	40.6	41.4	41.8	42.1	42.3	42.3	42.5	42.5	42.5	42.5
≥ 18000	17.4	36.0	39.6	40.7	41.5	41.8	42.2	42.4	42.4	42.6	42.6	42.6	42.6
≥ 16000	17.7	36.3	39.8	40.9	41.8	42.1	42.4	42.7	42.7	42.8	42.8	42.9	42.9
≥ 14000	17.8	36.5	40.2	41.3	42.2	42.5	42.8	43.1	43.1	43.3	43.3	43.3	43.3
≥ 12000	17.8	36.5	40.2	41.3	42.2	42.5	42.8	43.1	43.1	43.3	43.3	43.3	43.3
≥ 10000	17.8	36.7	40.4	41.6	42.4	42.8	43.2	43.4	43.4	43.6	43.6	43.7	43.7
≥ 9000	17.8	36.7	40.4	41.6	42.4	42.8	43.2	43.4	43.4	43.6	43.6	43.7	43.7
≥ 8000	17.9	36.8	40.5	41.7	42.5	42.9	43.3	43.5	43.5	43.7	43.7	43.8	43.8
≥ 7000	17.9	36.8	40.5	41.7	42.5	42.9	43.3	43.5	43.5	43.7	43.7	43.8	43.8
≥ 6000	18.0	36.8	40.6	41.8	42.6	43.0	43.3	43.6	43.6	43.8	43.8	43.8	43.8
≥ 5000	18.0	36.9	40.7	41.8	42.7	43.1	43.4	43.7	43.7	43.8	43.8	43.9	43.9
≥ 4500	18.0	36.9	40.7	41.8	42.7	43.1	43.4	43.7	43.7	43.8	43.8	43.9	43.9
≥ 4000	18.2	37.2	40.9	42.1	42.9	43.3	43.7	43.9	44.1	44.1	44.1	44.2	44.2
≥ 3500	18.8	37.8	41.6	42.8	43.6	44.0	44.3	44.6	44.8	44.8	44.8	44.8	44.8
≥ 3000	20.1	39.3	43.2	44.3	45.2	45.6	45.9	46.2	46.2	46.3	46.3	46.4	46.4
≥ 2500	22.0	41.7	45.6	46.8	47.6	48.0	48.3	48.6	48.6	48.8	48.8	48.8	48.8
≥ 2000	24.4	44.9	48.9	50.1	50.9	51.3	51.7	51.9	51.9	52.1	52.1	52.2	52.2
≥ 1800	25.3	46.8	50.8	51.9	52.8	53.2	53.5	53.8	53.8	53.9	53.9	54.0	54.0
≥ 1500	29.8	55.2	59.6	61.1	62.0	62.4	62.8	63.0	63.0	63.2	63.2	63.3	63.3
≥ 1200	31.3	62.2	67.3	69.2	70.2	70.6	70.9	71.2	71.3	71.3	71.3	71.4	71.4
≥ 1000	32.7	68.3	75.0	77.4	78.8	79.2	79.5	79.8	79.8	79.9	79.9	80.0	80.0
≥ 900	32.8	69.8	78.1	81.6	83.2	83.6	83.9	84.2	84.3	84.3	84.3	84.4	84.4
≥ 800	33.0	72.1	81.5	85.5	87.2	87.6	87.9	88.2	88.2	88.4	88.4	88.6	88.6
≥ 700	33.2	73.7	84.3	88.8	91.3	91.8	92.4	92.7	93.0	93.0	93.1	93.2	93.2
≥ 600	33.2	74.6	85.8	91.2	93.8	94.3	95.2	95.4	95.8	95.8	95.8	95.9	95.9
≥ 500	33.2	74.8	86.3	91.8	94.7	95.3	96.3	96.6	96.9	97.1	97.2	97.3	97.3
≥ 400	33.2	74.9	86.4	92.1	95.0	95.8	97.0	97.3	97.4	97.8	98.1	98.3	98.3
≥ 300	33.2	74.9	86.4	92.1	95.1	95.9	97.3	97.7	97.8	98.3	98.5	98.7	98.7
≥ 200	33.2	74.9	86.5	92.2	95.2	96.0	97.3	97.9	98.1	98.5	98.8	99.2	99.2
≥ 100	33.2	74.9	86.5	92.2	95.2	96.0	97.3	97.9	98.1	98.5	98.8	99.3	99.3
0	33.2	74.9	86.5	92.2	95.2	96.0	97.3	97.9	98.1	98.5	98.8	99.3	99.6

1200

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

73-77

YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

01
HOURS (L. S. T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	6.5	25.2	25.2	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8
≥ 20000	6.5	25.8	25.8	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5
≥ 18000	6.5	25.8	25.8	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5
≥ 16000	6.5	25.8	25.8	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5
≥ 14000	6.5	25.8	25.8	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5
≥ 12000	6.5	25.8	25.8	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5
≥ 10000	6.5	25.8	25.8	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5
≥ 9000	6.5	25.8	25.8	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5
≥ 8000	6.5	26.5	26.5	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1
≥ 7000	6.5	26.5	26.5	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1
≥ 6000	6.5	27.1	27.1	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7
≥ 5000	6.5	27.1	27.1	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7
≥ 4500	6.5	27.1	27.1	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7
≥ 4000	6.5	27.1	27.1	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7
≥ 3500	6.5	27.1	27.1	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7
≥ 3000	6.5	27.1	27.1	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7
≥ 2500	6.5	27.1	27.1	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7
≥ 2000	6.5	28.4	28.4	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0
≥ 1800	6.5	29.7	29.7	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3
≥ 1500	11.0	38.7	39.4	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
≥ 1200	17.4	54.2	55.5	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 1000	19.4	66.5	68.4	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 900	20.0	72.3	75.5	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 800	21.3	80.0	84.5	85.8	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 700	21.3	81.3	87.1	89.7	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 600	21.3	83.2	89.0	92.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 500	21.3	83.9	91.0	94.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 400	21.3	84.5	91.6	96.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 300	21.3	84.5	92.3	96.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 200	21.3	84.5	92.3	96.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 100	21.3	84.5	92.3	96.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 0	21.3	84.5	92.3	96.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

73-77

YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

04
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ 5/16	≥ ¼	≥ 0
NO CEILING	3.9	11.6	12.3	12.9	12.9	13.6	13.6	13.6	13.6	13.6	13.6	13.6	14.2
≥ 20000	3.9	11.6	12.3	12.9	12.9	13.6	13.6	13.6	13.6	13.6	13.6	13.6	14.2
≥ 18000	3.9	11.6	12.3	12.9	12.9	13.6	13.6	13.6	13.6	13.6	13.6	13.6	14.2
≥ 16000	3.9	11.6	12.3	12.9	12.9	13.6	13.6	13.6	13.6	13.6	13.6	13.6	14.2
≥ 14000	3.9	11.6	12.3	12.9	12.9	13.6	13.6	13.6	13.6	13.6	13.6	13.6	14.2
≥ 12000	3.9	11.6	12.3	12.9	12.9	13.6	13.6	13.6	13.6	13.6	13.6	13.6	14.2
≥ 10000	3.9	12.3	12.9	13.6	13.6	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.8
≥ 9000	3.9	12.3	12.9	13.6	13.6	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.8
≥ 8000	3.9	12.9	13.6	14.2	14.2	14.8	14.8	14.8	14.8	14.8	14.8	14.8	15.5
≥ 7000	3.9	12.9	13.6	14.2	14.2	14.8	14.8	14.8	14.8	14.8	14.8	14.8	15.5
≥ 6000	3.9	13.6	14.2	14.8	14.8	15.5	15.5	15.5	15.5	15.5	15.5	15.5	16.1
≥ 5000	3.9	13.6	14.2	14.8	14.8	15.5	15.5	15.5	15.5	15.5	15.5	15.5	16.1
≥ 4500	3.9	13.6	14.2	14.8	14.8	15.5	15.5	15.5	15.5	15.5	15.5	15.5	16.1
≥ 4000	3.9	13.6	14.2	14.8	14.8	15.5	15.5	15.5	15.5	15.5	15.5	15.5	16.1
≥ 3500	3.9	13.6	14.2	14.8	14.8	15.5	15.5	15.5	15.5	15.5	15.5	15.5	16.1
≥ 3000	3.9	13.6	14.2	14.8	14.8	15.5	15.5	15.5	15.5	15.5	15.5	15.5	16.1
≥ 2500	4.5	14.2	14.8	15.5	15.5	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.8
≥ 2000	4.5	14.2	14.8	15.5	15.5	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.8
≥ 1800	4.5	16.1	16.8	17.4	17.4	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.7
≥ 1500	6.5	25.8	26.5	27.1	27.1	27.7	27.7	27.7	27.7	27.7	27.7	27.7	28.4
≥ 1200	9.0	41.9	43.2	43.9	43.9	44.5	44.5	44.5	44.5	44.5	44.5	44.5	45.2
≥ 1000	9.7	53.6	57.4	58.7	58.7	59.4	59.4	59.4	59.4	59.4	59.4	59.4	60.0
≥ 900	10.3	58.7	63.9	65.2	65.2	65.8	65.8	65.8	65.8	65.8	65.8	65.8	66.5
≥ 800	10.3	65.8	72.9	74.2	74.2	74.8	74.8	74.8	74.8	74.8	74.8	74.8	75.5
≥ 700	11.0	72.3	79.4	82.6	82.6	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.9
≥ 600	11.0	72.9	81.3	85.8	87.1	87.7	88.4	88.4	88.4	88.4	88.4	88.4	89.0
≥ 500	11.0	74.2	83.9	90.3	91.6	92.3	92.9	92.9	92.9	92.9	92.9	92.9	93.6
≥ 400	11.0	74.8	85.2	92.9	96.1	96.8	97.4	97.4	97.4	97.4	97.4	97.4	98.1
≥ 300	11.0	74.8	85.2	92.9	96.1	96.8	98.1	98.1	98.1	98.1	98.1	98.1	98.7
≥ 200	11.0	74.8	85.2	92.9	96.1	96.8	98.1	98.1	98.1	98.1	98.1	98.1	99.4
≥ 100	11.0	74.8	85.2	92.9	96.1	96.8	98.1	98.1	98.1	98.1	98.1	98.1	99.4
≥ 0	11.0	74.8	85.2	92.9	96.1	96.8	98.1	98.1	98.1	98.1	98.1	98.1	99.4

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

73-77

YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

07
HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/16	≥ ¼	≥ 0
NO CEILING	7.7	5.8	7.1	7.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7
≥ 20000	7.7	7.1	8.4	9.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0
≥ 18000	7.7	7.1	8.4	9.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0
≥ 16000	7.7	7.7	9.0	9.7	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6
≥ 14000	7.7	8.4	9.7	10.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3
≥ 12000	7.7	9.0	10.3	11.0	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9
≥ 10000	7.7	10.3	11.6	12.3	14.2	14.2	14.2	14.8	14.8	14.8	14.8	14.8	14.8	14.8
≥ 9000	7.7	10.3	11.6	12.3	14.2	14.2	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8
≥ 8000	7.7	11.6	12.9	13.6	15.5	15.5	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1
≥ 7000	7.7	11.6	12.9	13.6	15.5	15.5	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1
≥ 6000	7.7	11.6	12.9	13.6	15.5	15.5	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1
≥ 5000	7.7	11.6	12.9	13.6	15.5	15.5	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1
≥ 4500	7.7	11.6	12.9	13.6	15.5	15.5	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1
≥ 4000	7.7	11.6	12.9	13.6	15.5	15.5	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1
≥ 3500	7.7	11.6	12.9	13.6	15.5	15.5	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1
≥ 3000	7.7	11.6	12.9	13.6	15.5	15.5	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1
≥ 2500	7.7	11.6	12.9	13.6	15.5	15.5	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1
≥ 2000	7.7	12.9	14.2	15.5	17.4	17.4	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1
≥ 1800	2.6	15.5	17.4	18.7	20.7	20.7	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3
≥ 1500	4.5	25.2	28.4	29.7	31.6	31.6	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3
≥ 1200	6.5	37.4	44.5	47.7	49.7	49.7	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
≥ 1000	7.1	47.7	58.1	62.6	64.5	64.5	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 900	7.1	49.7	60.7	65.2	67.1	67.1	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 800	7.1	51.0	62.6	70.3	72.9	73.6	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 700	7.1	51.6	64.5	74.8	78.7	81.3	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 600	7.1	51.6	65.2	77.4	82.6	85.2	88.4	88.4	88.4	89.0	89.0	89.0	89.0	89.0
≥ 500	7.1	51.6	65.8	78.1	83.9	87.1	90.3	91.0	91.0	91.6	91.6	91.6	91.6	91.6
≥ 400	7.1	51.6	65.8	78.1	85.2	88.4	92.9	93.6	93.6	94.8	94.8	94.8	94.8	94.8
≥ 300	7.1	51.6	65.8	79.4	86.5	89.7	94.2	95.5	95.5	98.1	98.1	98.1	98.1	98.1
≥ 200	7.1	51.6	65.8	79.4	86.5	89.7	94.2	96.1	96.1	98.7	98.7	98.7	98.7	98.7
≥ 100	7.1	51.6	65.8	79.4	86.5	89.7	94.2	96.1	96.1	98.7	98.7	98.7	98.7	98.7
≥ 0	7.1	51.6	65.8	79.4	86.5	89.7	94.2	96.1	96.1	98.7	98.7	98.7	98.7	98.7

TOTAL NUMBER OF OBSERVATIONS

155

2

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93112

SAN DIEGO, CALIFORNIA

73-77

JUL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

10
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 0
NO CEILING	9.0	36.8	47.7	49.7	50.3	51.0	51.6	51.6	51.6	51.6	51.6	51.6	51.6
≥ 20000	9.0	38.1	49.0	51.0	51.6	52.3	52.9	52.9	52.9	52.9	52.9	52.9	52.9
≥ 18000	9.0	38.7	49.7	51.6	52.3	52.9	53.6	53.6	53.6	53.6	53.6	53.6	53.6
≥ 16000	9.0	38.7	49.7	51.6	52.3	52.9	53.6	53.6	53.6	53.6	53.6	53.6	53.6
≥ 14000	9.0	38.7	50.3	52.3	52.9	53.6	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 12000	9.0	39.4	51.6	53.6	54.2	54.8	55.5	55.5	55.5	55.5	55.5	55.5	55.5
10000	9.0	39.4	51.6	53.6	54.2	54.8	55.5	55.5	55.5	55.5	55.5	55.5	55.5
9000	9.0	39.4	51.6	53.6	54.2	54.8	55.5	55.5	55.5	55.5	55.5	55.5	55.5
8000	9.0	40.0	52.3	54.2	54.8	55.5	56.1	56.1	56.1	56.1	56.1	56.1	56.1
7000	9.0	40.0	52.3	54.2	54.8	55.5	56.1	56.1	56.1	56.1	56.1	56.1	56.1
6000	9.0	40.7	52.9	54.8	55.5	56.1	56.8	56.8	56.8	56.8	56.8	56.8	56.8
5000	9.0	40.7	52.9	54.8	55.5	56.1	56.8	56.8	56.8	56.8	56.8	56.8	56.8
4500	9.0	40.7	52.9	54.8	55.5	56.1	56.8	56.8	56.8	56.8	56.8	56.8	56.8
4000	9.0	40.7	52.9	54.8	55.5	56.1	56.8	56.8	56.8	56.8	56.8	56.8	56.8
3500	9.0	40.7	52.9	54.8	55.5	56.1	56.8	56.8	56.8	56.8	56.8	56.8	56.8
3000	9.0	40.7	52.9	54.8	55.5	56.1	56.8	56.8	56.8	56.8	56.8	56.8	56.8
2500	9.0	40.7	52.9	54.8	55.5	56.1	56.8	56.8	56.8	56.8	56.8	56.8	56.8
2000	9.0	43.2	55.5	57.4	58.1	58.7	59.4	59.4	59.4	59.4	59.4	59.4	59.4
1800	9.7	43.9	56.1	58.1	58.7	59.4	60.0	60.0	60.0	60.0	60.0	60.0	60.0
1500	11.6	50.3	64.5	66.5	67.1	67.7	68.4	68.4	68.4	68.4	68.4	68.4	68.4
1200	12.3	56.1	71.6	74.2	74.8	75.5	76.1	76.1	76.1	76.1	76.1	76.1	76.1
1000	12.3	58.7	74.2	79.4	80.7	81.3	82.6	82.6	82.6	82.6	82.6	82.6	82.6
900	12.3	61.3	77.4	83.2	85.2	85.8	87.7	87.7	87.7	87.7	87.7	87.7	87.7
800	12.3	61.3	78.1	84.5	86.5	87.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
700	12.3	61.3	78.1	85.2	88.4	89.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9
600	12.3	61.9	79.4	87.1	91.0	92.3	95.5	95.5	95.5	95.5	95.5	95.5	95.5
500	12.3	61.9	79.4	87.1	91.6	93.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8
400	12.3	61.9	79.4	87.1	92.3	94.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4
300	12.3	61.9	79.4	87.1	92.3	94.2	98.1	98.1	98.1	98.1	98.1	98.1	98.1
200	12.3	61.9	79.4	87.1	92.3	94.2	98.1	98.1	98.1	98.1	98.1	98.1	98.1
100	12.3	61.9	79.4	87.1	92.3	94.2	98.1	98.1	98.1	98.1	98.1	98.1	98.1
0	12.3	61.9	79.4	87.1	92.3	94.2	98.1	98.1	98.1	98.1	98.1	98.1	98.1

TOTAL NUMBER OF OBSERVATIONS 155

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

73-77

YEARS

JUL
MONTH

13
HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	18.7	52.9	62.6	65.2	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 20000	19.4	55.5	65.2	67.7	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 18000	19.4	56.1	65.8	68.4	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 16000	19.4	56.1	65.8	68.4	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 14000	20.7	58.7	68.4	71.0	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 12000	21.3	61.9	72.3	74.8	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 10000	21.3	62.6	72.9	75.5	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 9000	21.3	62.6	72.9	75.5	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 8000	21.3	62.6	72.9	75.5	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 7000	21.3	62.6	72.9	75.5	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 6000	21.3	62.6	72.9	75.5	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 5000	21.3	62.6	72.9	75.5	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 4500	21.3	62.6	72.9	75.5	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 4000	21.3	62.6	72.9	75.5	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 3500	21.3	62.6	72.9	75.5	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 3000	21.3	62.6	72.9	75.5	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 2500	21.3	62.6	72.9	75.5	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 2000	21.3	63.2	73.6	76.1	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 1800	21.9	64.5	74.8	77.4	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 1500	22.6	68.4	78.7	81.3	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 1200	23.2	72.3	82.6	85.8	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 1000	24.5	75.5	86.5	89.7	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 900	24.5	78.1	89.0	92.3	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 800	24.5	80.0	91.0	94.2	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 700	24.5	80.0	91.0	94.2	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 600	24.5	80.7	91.6	94.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 500	24.5	80.7	91.6	95.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 400	24.5	80.7	91.6	95.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 300	24.5	80.7	91.6	95.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 200	24.5	80.7	91.6	95.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 100	24.5	80.7	91.6	95.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 0	24.5	80.7	91.6	95.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

73-77

YEARS

JUL
MONTH

16
HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	34.8	59.4	63.2	65.8	65.8	65.8	65.8	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 20000	36.1	61.9	66.5	69.0	69.0	69.0	69.0	69.7	69.7	69.7	69.7	69.7	69.7	69.7
18000	36.1	62.6	67.1	69.7	69.7	69.7	69.7	70.3	70.3	70.3	70.3	70.3	70.3	70.3
16000	36.8	63.2	67.7	70.3	70.3	70.3	70.3	71.0	71.0	71.0	71.0	71.0	71.0	71.0
14000	38.1	65.8	70.3	72.9	72.9	72.9	72.9	73.6	73.6	73.6	73.6	73.6	73.6	73.6
12000	38.7	66.5	71.0	73.6	73.6	73.6	73.6	74.2	74.2	74.2	74.2	74.2	74.2	74.2
10000	39.4	67.7	72.3	74.8	74.8	74.8	74.8	75.5	75.5	75.5	75.5	75.5	75.5	75.5
9000	40.0	68.4	72.9	75.5	75.5	75.5	75.5	76.1	76.1	76.1	76.1	76.1	76.1	76.1
8000	40.0	69.0	73.6	76.1	76.1	76.1	76.1	76.8	76.8	76.8	76.8	76.8	76.8	76.8
7000	40.0	69.0	73.6	76.1	76.1	76.1	76.1	76.8	76.8	76.8	76.8	76.8	76.8	76.8
6000	40.0	69.0	73.6	76.1	76.1	76.1	76.1	76.8	76.8	76.8	76.8	76.8	76.8	76.8
5000	40.0	69.7	74.2	76.8	76.8	76.8	76.8	77.4	77.4	77.4	77.4	77.4	77.4	77.4
4500	40.0	69.7	74.2	76.8	76.8	76.8	76.8	77.4	77.4	77.4	77.4	77.4	77.4	77.4
4000	40.0	69.7	74.2	76.8	76.8	76.8	76.8	77.4	77.4	77.4	77.4	77.4	77.4	77.4
3500	40.0	69.7	74.2	76.8	76.8	76.8	76.8	77.4	77.4	77.4	77.4	77.4	77.4	77.4
3000	40.0	69.7	74.2	76.8	76.8	76.8	76.8	77.4	77.4	77.4	77.4	77.4	77.4	77.4
2500	40.0	69.7	74.2	76.8	76.8	76.8	76.8	77.4	77.4	77.4	77.4	77.4	77.4	77.4
2000	40.0	69.7	74.2	76.8	76.8	76.8	76.8	77.4	77.4	77.4	77.4	77.4	77.4	77.4
1800	41.9	71.6	76.1	78.7	78.7	78.7	78.7	79.4	79.4	79.4	79.4	79.4	79.4	79.4
1500	43.2	74.8	79.4	81.9	81.9	81.9	81.9	82.6	82.6	82.6	82.6	82.6	82.6	82.6
1200	44.5	78.7	83.9	87.1	87.1	87.1	87.1	87.7	87.7	87.7	87.7	87.7	87.7	87.7
1000	48.4	85.8	91.0	94.2	94.2	94.2	94.2	94.8	94.8	94.8	94.8	94.8	94.8	94.8
900	48.4	85.8	91.6	95.5	95.5	95.5	95.5	96.1	96.1	96.1	96.1	96.1	96.1	96.1
800	48.4	87.1	92.9	97.4	97.4	97.4	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1
700	48.4	87.7	93.6	98.7	98.7	98.7	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4
600	48.4	87.7	93.6	98.7	98.7	98.7	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4
500	48.4	87.7	93.6	98.7	98.7	98.7	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4
400	48.4	87.7	93.6	98.7	98.7	98.7	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4
300	48.4	87.7	93.6	98.7	98.7	98.7	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4
200	48.4	87.7	93.6	98.7	98.7	98.7	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4
100	48.4	87.7	93.6	98.7	98.7	98.7	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4
0	48.4	87.7	93.6	98.7	98.7	98.7	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4

155

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

73-77

YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

19
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	27.1	53.6	55.5	56.1	56.1	56.1	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 20000	28.4	56.8	58.7	59.4	59.4	59.4	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 18000	28.4	56.8	58.7	59.4	59.4	59.4	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 16000	28.4	56.8	58.7	59.4	59.4	59.4	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 14000	28.4	57.4	59.4	60.0	60.0	60.0	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 12000	29.7	60.0	61.9	62.6	62.6	62.6	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 10000	30.3	60.7	62.6	63.2	63.2	63.2	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 9000	30.3	60.7	62.6	63.2	63.2	63.2	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
8000	30.3	60.7	62.6	63.2	63.2	63.2	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
7000	30.3	60.7	62.6	63.2	63.2	63.2	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
6000	30.3	60.7	62.6	63.2	63.2	63.2	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
5000	30.3	60.7	62.6	63.2	63.2	63.2	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
4500	30.3	60.7	62.6	63.2	63.2	63.2	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
4000	30.3	60.7	62.6	63.2	63.2	63.2	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
3500	30.3	60.7	62.6	63.2	63.2	63.2	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
3000	30.3	60.7	62.6	63.2	63.2	63.2	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
2500	30.3	60.7	62.6	63.2	63.2	63.2	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
2000	30.3	61.3	63.2	63.9	63.9	63.9	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
1800	30.3	61.3	63.2	63.9	63.9	63.9	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
1500	32.3	67.7	69.7	70.3	70.3	70.3	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
1200	38.7	79.4	81.9	82.6	82.6	82.6	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
1000	41.9	88.4	91.6	92.3	92.9	92.9	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
900	42.6	90.3	93.6	94.2	94.8	94.8	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
800	43.2	91.6	94.8	95.5	96.1	96.1	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
700	43.2	91.6	94.8	96.1	96.8	96.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
600	43.2	92.3	95.5	97.4	98.1	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
500	43.2	92.3	96.1	98.1	98.7	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
400	43.2	92.3	96.1	98.1	98.7	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
300	43.2	92.3	96.1	98.1	98.7	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
200	43.2	92.3	96.1	98.1	98.7	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100	43.2	92.3	96.1	98.1	98.7	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	43.2	92.3	96.1	98.1	98.7	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

73-77

YEARS

JUL
MONTH

22
HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½
NO CEILING	14.8	43.9	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
≥ 20000	14.8	43.9	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
≥ 18000	14.8	43.9	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
≥ 16000	14.8	43.9	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
≥ 14000	14.8	43.9	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
≥ 12000	14.8	43.9	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
≥ 10000	14.8	43.9	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
≥ 9000	14.8	43.9	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
≥ 8000	14.8	43.9	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
≥ 7000	14.8	43.9	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
≥ 6000	14.8	43.9	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
≥ 5000	14.8	43.9	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
≥ 4500	14.8	43.9	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
≥ 4000	14.8	43.9	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
≥ 3500	14.8	43.9	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
≥ 3000	14.8	43.9	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
≥ 2500	14.8	43.9	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
≥ 2000	14.8	43.9	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
≥ 1800	14.8	43.9	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
≥ 1500	14.8	43.9	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
≥ 1200	14.8	43.9	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
≥ 1000	14.8	43.9	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
≥ 900	14.8	43.9	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
≥ 800	14.8	43.9	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
≥ 700	14.8	43.9	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
≥ 600	14.8	43.9	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
≥ 500	14.8	43.9	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
≥ 400	14.8	43.9	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
≥ 300	14.8	43.9	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
≥ 200	14.8	43.9	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
≥ 100	14.8	43.9	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
0	14.8	43.9	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

73-77

YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 0
NO CEILING	14.4	36.1	39.9	41.1	41.6	41.8	41.9	42.0	42.0	42.0	42.0	42.0	42.1
≥ 20000	14.8	37.6	41.5	42.7	43.2	43.3	43.5	43.6	43.6	43.6	43.6	43.6	43.6
≥ 18000	14.8	37.8	41.7	42.9	43.4	43.6	43.7	43.8	43.8	43.8	43.8	43.8	43.9
≥ 16000	14.9	38.0	41.9	43.1	43.6	43.7	43.9	44.0	44.0	44.0	44.0	44.0	44.0
≥ 14000	15.2	38.8	42.7	44.0	44.4	44.6	44.8	44.8	44.8	44.8	44.8	44.8	44.9
≥ 12000	15.6	39.8	43.9	45.1	45.6	45.7	45.9	46.0	46.0	46.0	46.0	46.0	46.1
≥ 10000	15.7	40.6	44.7	45.9	46.4	46.5	46.8	46.9	46.9	46.9	46.9	46.9	46.9
≥ 9000	15.8	40.7	44.8	46.0	46.5	46.6	46.9	46.9	46.9	46.9	46.9	46.9	47.0
≥ 8000	15.8	41.2	45.3	46.5	47.0	47.2	47.4	47.5	47.5	47.5	47.5	47.5	47.6
≥ 7000	15.8	41.2	45.3	46.5	47.0	47.2	47.4	47.5	47.5	47.5	47.5	47.5	47.6
≥ 6000	15.8	41.3	45.6	46.8	47.3	47.4	47.7	47.7	47.7	47.7	47.7	47.7	47.8
≥ 5000	15.9	41.6	45.7	46.9	47.4	47.6	47.8	47.9	47.9	47.9	47.9	47.9	48.0
≥ 4500	15.9	41.6	45.7	46.9	47.4	47.6	47.8	47.9	47.9	47.9	47.9	47.9	48.0
≥ 4000	15.9	41.6	45.7	46.9	47.4	47.6	47.8	47.9	47.9	47.9	47.9	47.9	48.0
≥ 3500	15.9	41.6	45.7	46.9	47.4	47.6	47.8	47.9	47.9	47.9	47.9	47.9	48.0
≥ 3000	15.9	41.6	45.7	46.9	47.4	47.6	47.8	47.9	47.9	47.9	47.9	47.9	48.0
≥ 2500	16.0	41.7	45.8	47.0	47.5	47.7	47.9	48.0	48.0	48.0	48.0	48.0	48.1
≥ 2000	16.1	42.7	46.9	48.2	48.6	48.8	49.0	49.1	49.1	49.1	49.1	49.1	49.2
≥ 1800	16.7	44.0	48.2	49.5	50.0	50.2	50.4	50.5	50.5	50.5	50.5	50.5	50.6
≥ 1500	19.0	51.2	55.9	57.2	57.7	57.8	58.1	58.2	58.2	58.2	58.2	58.2	58.2
≥ 1200	22.0	61.2	66.9	68.8	69.3	69.4	69.7	69.8	69.8	69.8	69.8	69.8	69.8
≥ 1000	24.0	69.4	76.1	78.6	79.4	79.5	79.9	80.0	80.0	80.0	80.0	80.0	80.1
≥ 900	24.4	72.5	79.8	82.4	83.3	83.5	84.0	84.1	84.1	84.1	84.1	84.1	84.2
≥ 800	24.8	75.7	83.6	86.8	87.8	88.2	88.8	88.9	88.9	88.9	88.9	88.9	89.0
≥ 700	24.8	76.9	85.2	89.6	91.0	91.5	92.6	92.7	92.7	92.7	92.7	92.7	92.7
≥ 600	24.8	77.6	86.2	91.3	93.2	93.8	95.0	95.1	95.1	95.2	95.2	95.2	95.2
≥ 500	24.8	78.1	87.2	92.7	94.8	95.6	96.9	97.1	97.2	97.3	97.3	97.3	97.4
≥ 400	24.8	78.2	87.4	93.2	95.8	96.5	98.0	98.2	98.3	98.6	98.6	98.6	98.6
≥ 300	24.8	78.2	87.5	93.5	96.1	96.8	98.5	98.9	99.0	99.4	99.4	99.4	99.5
≥ 200	24.8	78.2	87.5	93.5	96.1	96.8	98.5	99.0	99.1	99.5	99.5	99.6	99.8
≥ 100	24.8	78.2	87.5	93.5	96.1	96.8	98.5	99.0	99.1	99.5	99.5	99.8	100.0
≥ 0	24.8	78.2	87.5	93.5	96.1	96.8	98.5	99.0	99.1	99.5	99.5	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS

1240

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

73-77

YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

01
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ 5/16
NO CEILING	7.7	18.1	20.0	21.3	21.9	21.9	21.9	22.6	22.6	22.6	22.6
≥ 20000	7.7	18.1	20.0	21.3	21.9	21.9	21.9	22.6	22.6	22.6	22.6
≥ 18000	7.7	18.1	20.0	21.3	21.9	21.9	21.9	22.6	22.6	22.6	22.6
≥ 16000	7.7	18.1	20.0	21.3	21.9	21.9	21.9	22.6	22.6	22.6	22.6
≥ 14000	7.7	18.1	20.0	21.3	21.9	21.9	21.9	22.6	22.6	22.6	22.6
≥ 12000	7.7	18.1	20.0	21.3	21.9	21.9	21.9	22.6	22.6	22.6	22.6
≥ 10000	8.4	19.4	21.9	23.2	23.9	23.9	23.9	24.5	24.5	24.5	24.5
≥ 9000	8.4	19.4	21.9	23.2	23.9	23.9	23.9	24.5	24.5	24.5	24.5
≥ 8000	8.4	19.4	21.9	23.2	23.9	23.9	23.9	24.5	24.5	24.5	24.5
≥ 7000	8.4	19.4	22.6	23.9	24.5	24.5	24.5	25.2	25.2	25.2	25.2
≥ 6000	8.4	19.4	22.6	23.9	24.5	24.5	24.5	25.2	25.2	25.2	25.2
≥ 5000	8.4	19.4	22.6	23.9	24.5	24.5	24.5	25.2	25.2	25.2	25.2
≥ 4500	8.4	19.4	22.6	23.9	24.5	24.5	24.5	25.2	25.2	25.2	25.2
≥ 4000	8.4	19.4	22.6	23.9	24.5	24.5	24.5	25.2	25.2	25.2	25.2
≥ 3500	8.4	19.4	22.6	23.9	24.5	24.5	24.5	25.2	25.2	25.2	25.2
≥ 3000	8.4	19.4	22.6	23.9	24.5	24.5	24.5	25.2	25.2	25.2	25.2
≥ 2500	9.7	21.3	24.5	25.8	26.5	26.5	26.5	27.1	27.1	27.1	27.1
≥ 2000	13.6	25.2	28.4	29.7	30.3	30.3	30.3	31.0	31.0	31.0	31.0
≥ 1800	14.8	27.1	30.3	31.6	32.3	32.3	32.3	32.9	32.9	32.9	32.9
≥ 1500	16.8	32.9	36.8	38.1	38.7	38.7	38.7	39.4	39.4	39.4	39.4
≥ 1200	21.9	45.8	49.7	52.3	52.9	52.9	52.9	53.6	53.6	53.6	53.6
≥ 1000	24.5	56.1	60.0	63.2	63.9	63.9	64.5	65.2	65.2	65.2	65.2
≥ 900	25.8	61.9	67.1	71.0	71.6	71.6	72.3	72.9	72.9	72.9	72.9
≥ 800	26.5	70.3	76.1	81.9	83.2	83.2	83.9	84.5	84.5	84.5	84.5
≥ 700	27.1	73.6	81.9	88.4	89.7	89.7	90.3	91.0	91.0	91.0	91.0
≥ 600	27.7	76.8	85.2	92.3	93.6	93.6	94.2	94.8	94.8	94.8	94.8
≥ 500	27.7	77.4	85.8	93.6	94.8	94.8	95.5	96.1	96.1	96.1	96.1
≥ 400	27.7	77.4	85.8	93.6	95.5	95.5	96.8	97.4	97.4	97.4	97.4
≥ 300	27.7	77.4	85.8	93.6	95.5	95.5	96.8	97.4	97.4	97.4	97.4
≥ 200	27.7	77.4	85.8	93.6	95.5	95.5	98.1	98.7	98.7	98.7	98.7
≥ 100	27.7	77.4	85.8	93.6	95.5	95.5	98.1	98.7	98.7	98.7	98.7
0	27.7	77.4	85.8	93.6	95.5	95.5	98.1	98.7	98.7	98.7	98.7

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

73-77

YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

04
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	3.9	11.6	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3
≥ 20000	3.9	11.6	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3
≥ 18000	3.9	11.6	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3
≥ 16000	3.9	11.6	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3
≥ 14000	3.9	11.6	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3
≥ 12000	3.9	11.6	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3
≥ 10000	3.9	12.9	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2
≥ 9000	3.9	12.9	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2
≥ 8000	3.9	12.9	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2
≥ 7000	3.9	12.9	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2
≥ 6000	3.9	12.9	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2
≥ 5000	3.9	12.9	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2
≥ 4500	3.9	12.9	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2
≥ 4000	3.9	12.9	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2
≥ 3500	4.5	13.6	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8
≥ 3000	4.5	13.6	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8
≥ 2500	7.1	16.8	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1
≥ 2000	8.4	18.7	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
≥ 1800	10.3	21.9	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2
≥ 1500	12.3	26.5	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0
≥ 1200	14.2	35.5	38.7	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
≥ 1000	18.7	51.6	55.5	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 900	19.4	56.8	60.7	64.5	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 800	20.7	61.3	68.4	72.9	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 700	21.3	65.8	75.5	81.9	83.9	83.9	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 600	21.3	66.5	77.4	85.8	87.7	88.4	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 500	21.3	67.1	79.4	88.4	91.0	91.6	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 400	21.3	67.1	81.3	90.3	92.9	93.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 300	21.3	67.1	81.3	90.3	92.9	94.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 200	21.3	67.1	81.3	90.3	92.9	94.8	96.1	96.8	96.8	97.4	97.4	97.4	97.4
≥ 100	21.3	67.1	81.3	90.3	92.9	94.8	96.1	96.8	97.4	98.1	98.1	98.7	99.4
0	21.3	67.1	81.3	90.3	92.9	94.8	96.1	96.8	97.4	98.1	98.7	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

73-77

YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

07
HOURS (L.S.T.)

5703 CEILING VERSUS VISIBILITY JAN 78

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	3.9	5.2	6.5	7.7	8.4	9.0	9.0	9.0	9.0	9.7	9.7	9.7	9.7
≥ 20000	3.9	5.2	6.5	7.7	8.4	9.0	9.0	9.0	9.0	9.7	9.7	9.7	9.7
≥ 18000	3.9	5.2	6.5	7.7	8.4	9.0	9.0	9.0	9.0	9.7	9.7	9.7	9.7
≥ 16000	3.9	5.2	6.5	7.7	8.4	9.0	9.0	9.0	9.0	9.7	9.7	9.7	9.7
≥ 14000	3.9	5.2	6.5	7.7	8.4	9.0	9.0	9.0	9.0	9.7	9.7	9.7	9.7
≥ 12000	3.9	5.2	6.5	8.4	9.0	9.7	9.7	9.7	9.7	10.3	10.3	10.3	10.3
≥ 10000	4.5	5.8	7.1	9.0	10.3	11.0	11.0	11.0	11.0	11.6	11.6	11.6	11.6
≥ 9000	4.5	5.8	7.1	9.0	10.3	11.0	11.0	11.0	11.0	11.6	11.6	11.6	11.6
≥ 8000	5.2	6.5	7.7	9.7	11.0	11.6	11.6	11.6	11.6	12.3	12.3	12.3	12.3
≥ 7000	5.2	6.5	7.7	9.7	11.0	11.6	11.6	11.6	11.6	12.3	12.3	12.3	12.3
≥ 6000	5.2	6.5	7.7	9.7	11.0	11.6	11.6	11.6	11.6	12.3	12.3	12.3	12.3
≥ 5000	5.2	6.5	7.7	9.7	11.0	11.6	11.6	11.6	11.6	12.3	12.3	12.3	12.3
≥ 4500	5.2	6.5	7.7	9.7	11.0	11.6	11.6	11.6	11.6	12.3	12.3	12.3	12.3
≥ 4000	5.2	6.5	7.7	9.7	11.0	11.6	11.6	11.6	11.6	12.3	12.3	12.3	12.3
≥ 3500	5.8	7.1	8.4	10.3	11.6	12.3	12.3	12.3	12.3	12.9	12.9	12.9	12.9
≥ 3000	5.8	7.1	8.4	10.3	11.6	12.3	12.3	12.3	12.3	12.9	12.9	12.9	12.9
≥ 2500	9.0	11.0	12.3	14.2	15.5	16.1	16.1	16.1	16.1	16.8	16.8	16.8	16.8
≥ 2000	11.0	14.2	15.5	17.4	18.7	19.4	19.4	19.4	19.4	20.0	20.0	20.0	20.0
≥ 1800	11.6	15.5	16.8	18.7	20.0	20.7	20.7	20.7	20.7	21.3	21.3	21.3	21.3
≥ 1500	14.8	24.5	28.4	30.3	31.6	32.3	32.3	32.3	32.3	32.9	32.9	32.9	32.9
≥ 1200	16.8	32.9	38.7	42.6	43.9	44.5	44.5	44.5	44.5	45.2	45.2	45.2	45.2
≥ 1000	16.8	40.7	51.0	56.1	59.4	60.0	60.0	60.0	60.0	60.7	60.7	60.7	60.7
≥ 900	16.8	42.6	54.8	62.6	69.0	69.7	69.7	69.7	69.7	70.3	70.3	70.3	70.3
≥ 800	16.8	44.5	59.4	69.0	76.1	77.4	78.1	78.1	78.1	78.7	78.7	78.7	78.7
≥ 700	16.8	44.5	61.3	72.3	80.0	81.9	83.2	83.9	83.9	84.5	84.5	84.5	84.5
≥ 600	16.8	44.5	61.3	72.3	81.9	84.5	86.5	87.7	87.7	88.4	88.4	88.4	88.4
≥ 500	16.8	44.5	61.9	74.2	83.2	85.8	88.4	89.7	89.7	90.3	90.3	90.3	90.3
≥ 400	16.8	44.5	61.9	74.2	83.9	87.1	91.0	92.3	92.3	92.9	93.6	93.6	93.6
≥ 300	16.8	44.5	61.9	74.2	83.9	87.7	92.3	94.2	94.2	95.5	96.1	96.8	96.8
≥ 200	16.8	44.5	61.9	74.2	83.9	87.7	92.3	94.8	95.5	96.8	97.4	98.1	98.7
≥ 100	16.8	44.5	61.9	74.2	83.9	87.7	92.3	94.8	95.5	96.8	97.4	98.1	98.7
≥ 0	16.8	44.5	61.9	74.2	83.9	87.7	92.3	94.8	95.5	96.8	97.4	98.1	98.7

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

73-77

YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

10
HOURS (L.S.T.)

CEILING (FEET)		VISIBILITY (STATUTE MILES)													
		≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/16	≥ ¼	≥ 0
NO CEILING		14.2	43.2	49.7	54.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 20000		14.8	43.9	50.3	56.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 18000		14.8	43.9	50.3	56.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 16000		14.8	43.9	50.3	56.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 14000		14.8	43.9	50.3	56.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 12000		14.8	43.9	50.3	56.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 10000		14.8	43.9	51.6	57.4	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 9000		14.8	43.9	51.6	57.4	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
8000		15.5	45.2	52.9	58.7	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
7000		15.5	45.2	52.9	58.7	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
6000		15.5	45.2	52.9	58.7	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
5000		15.5	45.2	52.9	58.7	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
4500		15.5	45.2	52.9	58.7	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
4000		15.5	45.2	52.9	58.7	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
3500		15.5	45.2	52.9	58.7	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
3000		15.5	45.2	52.9	58.7	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
2500		18.1	47.7	55.5	61.3	63.9	63.9	63.9	64.5	64.5	64.5	64.5	64.5	64.5	64.5
2000		19.4	49.7	57.4	63.2	65.8	65.8	65.8	66.5	66.5	66.5	66.5	66.5	66.5	66.5
1800		20.0	51.6	59.4	65.2	67.7	67.7	67.7	68.4	68.4	68.4	68.4	68.4	68.4	68.4
1500		22.6	55.5	63.2	69.0	71.6	71.6	71.6	72.3	72.3	72.3	72.3	72.3	72.3	72.3
1200		22.6	58.7	67.7	73.5	79.4	79.4	79.4	80.0	80.0	80.0	80.0	80.0	80.0	80.0
1000		23.2	62.6	72.9	83.2	87.7	89.0	89.0	89.7	89.7	89.7	89.7	89.7	89.7	89.7
900		23.2	63.2	73.6	83.2	89.7	91.0	91.0	91.6	91.6	91.6	91.6	91.6	91.6	91.6
800		23.2	63.2	74.2	86.5	91.0	92.9	92.9	93.6	93.6	93.6	93.6	93.6	93.6	93.6
700		23.2	63.9	75.5	88.4	94.2	96.1	96.1	96.8	96.8	96.8	96.8	96.8	96.8	96.8
600		23.2	63.9	75.5	88.4	94.2	96.1	96.1	96.8	96.8	96.8	96.8	96.8	96.8	96.8
500		23.2	63.9	75.5	88.4	94.8	97.4	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1
400		23.2	63.9	75.5	88.4	94.8	97.4	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1
300		23.2	63.9	75.5	88.4	94.8	97.4	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1
200		23.2	63.9	75.5	88.4	94.8	97.4	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1
100		23.2	63.9	75.5	88.4	94.8	97.4	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1
0		23.2	63.9	75.5	88.4	94.8	97.4	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1

TOTAL NUMBER OF OBSERVATIONS

135

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

73-77

YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

13
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														≥ 0
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	
NO CEILING	32.3	67.1	76.1	80.7	81.9	81.9	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 20000	32.3	68.4	77.4	81.9	83.2	83.2	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 18000	32.3	68.4	77.4	81.9	83.2	83.2	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 16000	32.9	69.7	78.7	83.2	84.5	84.5	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 14000	32.9	70.3	79.4	83.9	85.2	85.2	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 12000	32.9	71.6	80.7	85.2	86.5	86.5	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 10000	32.9	72.3	81.3	85.8	87.1	87.1	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 9000	32.9	72.3	81.3	85.8	87.1	87.1	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
8000	32.9	72.9	81.9	86.5	87.7	87.7	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
7000	32.9	72.9	81.9	86.5	87.7	87.7	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
6000	32.9	73.6	82.6	87.1	88.4	88.4	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
5000	32.9	73.6	82.6	87.1	88.4	88.4	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
4500	32.9	73.6	82.6	87.1	88.4	88.4	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
4000	32.9	73.6	82.6	87.1	88.4	88.4	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
3500	32.9	73.6	82.6	87.1	88.4	88.4	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
3000	32.9	73.6	82.6	87.1	88.4	88.4	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
2500	32.9	74.2	83.2	87.7	89.0	89.0	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
2000	32.9	74.2	83.2	87.7	89.0	89.0	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
1800	32.9	74.8	83.9	88.4	89.7	89.7	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
1500	33.6	76.1	85.2	89.7	91.0	91.0	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
1200	33.6	78.1	88.4	93.6	94.8	94.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
1000	33.6	78.1	89.0	94.8	96.1	96.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
900	33.6	78.1	89.7	95.5	96.8	96.8	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
800	33.6	78.1	89.7	95.5	96.8	96.8	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
700	33.6	78.7	90.3	96.1	97.4	97.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
600	33.6	78.7	90.3	96.1	97.4	97.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
500	33.6	78.7	90.3	96.1	97.4	97.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
400	33.6	78.7	90.3	96.1	98.1	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
300	33.6	78.7	90.3	96.1	98.1	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
200	33.6	78.7	90.3	96.1	98.1	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100	33.6	78.7	90.3	96.1	98.1	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	33.6	78.7	90.3	96.1	98.1	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

73-77

YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

16
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ 0
NO CEILING	40.7	67.1	71.6	73.6	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 20000	40.7	71.0	76.8	78.7	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 18000	40.7	71.0	76.8	78.7	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 16000	41.3	71.6	77.4	79.4	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 14000	41.3	71.6	77.4	79.4	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 12000	41.9	72.3	78.7	80.7	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 10000	41.9	73.6	80.0	81.9	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 9000	41.9	73.6	80.0	81.9	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 8000	41.9	73.6	80.0	81.9	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 7000	41.9	73.6	80.0	81.9	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 6000	41.9	73.6	80.7	82.6	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 5000	41.9	73.6	80.7	82.6	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 4500	41.9	73.6	80.7	82.6	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 4000	41.9	73.6	80.7	82.6	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 3500	41.9	73.6	80.7	82.6	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 3000	41.9	73.6	80.7	82.6	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 2500	42.6	74.2	81.3	83.2	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 2000	43.2	75.5	82.6	84.5	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 1800	43.2	75.5	82.6	84.5	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 1500	45.2	78.1	85.2	87.7	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 1200	47.1	83.2	90.3	93.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 1000	47.1	85.2	92.3	95.5	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 900	47.1	85.2	92.3	95.5	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 800	47.1	85.2	92.9	96.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 700	47.1	85.2	92.9	96.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 600	47.1	85.8	93.6	96.8	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500	47.1	85.8	93.6	96.8	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 400	47.1	85.8	93.6	96.8	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 300	47.1	85.8	93.6	96.8	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 200	47.1	85.8	93.6	96.8	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 100	47.1	85.8	93.6	96.8	99.4	99.4	99.4	99.4	99.4	99.4	99.4
0	47.1	85.8	93.6	96.8	99.4	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

73-77

YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

19
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ ½
NO CEILING	32.9	60.7	68.4	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 20000	32.9	61.9	70.3	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 18000	32.9	61.9	70.3	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 16000	33.6	62.6	71.0	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 14000	33.6	63.2	71.6	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 12000	33.6	63.9	72.9	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 10000	33.6	64.5	73.6	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 9000	33.6	64.5	73.6	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 8000	33.6	64.5	73.6	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 7000	33.6	64.5	73.6	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 6000	33.6	64.5	73.6	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 5000	33.6	64.5	73.6	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 4500	33.6	64.5	73.6	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 4000	33.6	64.5	73.6	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 3500	33.6	64.5	73.6	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 3000	33.6	64.5	73.6	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 2500	33.6	64.5	73.6	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 2000	33.6	64.5	73.6	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 1800	33.6	64.5	74.2	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 1500	35.5	69.0	78.7	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 1200	39.4	74.2	83.9	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 1000	40.7	80.0	89.7	92.9	93.6	94.2	94.2	94.2	94.2	94.2	94.2
≥ 900	40.7	80.0	90.3	94.2	94.8	95.5	95.5	95.5	95.5	95.5	95.5
≥ 800	40.7	81.3	92.3	96.8	98.1	98.7	98.7	98.7	98.7	98.7	98.7
≥ 700	40.7	81.3	92.3	96.8	98.1	98.7	98.7	98.7	98.7	98.7	98.7
≥ 600	40.7	81.9	92.9	97.4	98.7	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500	40.7	81.9	92.9	97.4	98.7	99.4	99.4	99.4	99.4	99.4	99.4
≥ 400	40.7	81.9	92.9	97.4	98.7	99.4	99.4	99.4	99.4	99.4	99.4
≥ 300	40.7	81.9	92.9	97.4	98.7	99.4	99.4	99.4	99.4	99.4	99.4
≥ 200	40.7	81.9	92.9	97.4	98.7	99.4	99.4	99.4	99.4	99.4	99.4
≥ 100	40.7	81.9	92.9	97.4	98.7	99.4	99.4	99.4	99.4	99.4	99.4
0	40.7	81.9	92.9	97.4	98.7	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

73-77

YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

22
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 0
NO CEILING	16.8	43.9	48.4	49.0	49.0	49.0	49.7	49.7	49.7	49.7	49.7	49.7	50.3
≥ 20000	16.8	43.9	48.4	49.0	49.0	49.0	49.7	49.7	49.7	49.7	49.7	49.7	50.3
18000	16.8	43.9	48.4	49.0	49.0	49.0	49.7	49.7	49.7	49.7	49.7	49.7	50.3
16000	16.8	43.9	48.4	49.0	49.0	49.0	49.7	49.7	49.7	49.7	49.7	49.7	50.3
14000	16.8	43.9	48.4	49.0	49.0	49.0	49.7	49.7	49.7	49.7	49.7	49.7	50.3
12000	17.4	44.5	49.0	49.7	49.7	49.7	50.3	50.3	50.3	50.3	50.3	50.3	51.0
10000	17.4	45.2	49.7	50.3	50.3	50.3	51.0	51.0	51.0	51.0	51.0	51.0	51.6
9000	17.4	45.2	49.7	50.3	50.3	50.3	51.0	51.0	51.0	51.0	51.0	51.0	51.6
8000	17.4	45.2	49.7	50.3	50.3	50.3	51.0	51.0	51.0	51.0	51.0	51.0	51.6
7000	17.4	45.2	49.7	50.3	50.3	50.3	51.0	51.0	51.0	51.0	51.0	51.0	51.6
6000	17.4	45.2	49.7	50.3	50.3	50.3	51.0	51.0	51.0	51.0	51.0	51.0	51.6
5000	17.4	45.2	49.7	50.3	50.3	50.3	51.0	51.0	51.0	51.0	51.0	51.0	51.6
4500	17.4	45.2	49.7	50.3	50.3	50.3	51.0	51.0	51.0	51.0	51.0	51.0	51.6
4000	17.4	45.2	49.7	50.3	50.3	50.3	51.0	51.0	51.0	51.0	51.0	51.0	51.6
3500	17.4	45.2	49.7	50.3	50.3	50.3	51.0	51.0	51.0	51.0	51.0	51.0	51.6
3000	17.4	45.2	49.7	50.3	50.3	50.3	51.0	51.0	51.0	51.0	51.0	51.0	51.6
2500	18.7	47.1	51.6	52.3	52.3	52.3	52.9	52.9	52.9	52.9	52.9	52.9	53.6
2000	20.7	49.0	53.6	54.2	54.2	54.2	54.8	54.8	54.8	54.8	54.8	54.8	55.5
1800	21.3	50.3	54.8	55.5	55.5	55.5	56.1	56.1	56.1	56.1	56.1	56.1	56.8
1500	25.2	56.8	61.3	61.9	61.9	61.9	62.6	62.6	62.6	62.6	62.6	62.6	63.2
1200	31.0	67.7	73.6	75.5	75.5	75.5	76.1	76.1	76.1	76.1	76.1	76.1	76.8
1000	32.3	74.2	80.0	82.6	82.6	82.6	83.9	83.9	83.9	83.9	83.9	83.9	84.5
900	32.3	76.1	82.6	85.8	85.8	85.8	87.1	87.1	87.1	87.1	87.1	87.1	87.7
800	32.3	78.1	87.1	92.3	93.6	93.6	94.8	94.8	94.8	94.8	94.8	94.8	95.5
700	32.9	80.7	89.7	94.8	96.1	96.1	97.4	97.4	97.4	97.4	97.4	97.4	98.1
600	32.9	80.7	90.3	95.5	96.8	96.8	98.1	98.1	98.1	98.1	98.1	98.1	98.7
500	32.9	80.7	91.0	96.1	97.4	97.4	98.7	98.7	98.7	98.7	98.7	98.7	99.4
400	32.9	80.7	91.0	96.1	97.4	97.4	98.7	98.7	98.7	98.7	98.7	98.7	99.4
300	32.9	80.7	91.0	96.1	98.1	98.1	99.4	99.4	99.4	99.4	99.4	99.4	100.0
200	32.9	80.7	91.0	96.1	98.1	98.1	99.4	99.4	99.4	99.4	99.4	99.4	100.0
100	32.9	80.7	91.0	96.1	98.1	98.1	99.4	99.4	99.4	99.4	99.4	99.4	100.0
0	32.9	80.7	91.0	96.1	98.1	98.1	99.4	99.4	99.4	99.4	99.4	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93112

SAN DIEGO, CALIFORNIA

73-77

AUG

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 0
NO CEILING	19.0	39.6	44.1	46.1	46.9	46.9	47.2	47.3	47.3	47.3	47.3	47.3	47.4
≥ 20000	19.1	40.5	45.2	47.3	48.1	48.2	48.4	48.5	48.5	48.6	48.6	48.6	48.6
≥ 18000	19.1	40.5	45.2	47.3	48.1	48.2	48.4	48.5	48.5	48.6	48.6	48.6	48.6
≥ 16000	19.4	40.8	45.6	47.7	48.4	48.5	48.7	48.8	48.8	48.9	48.9	48.9	49.0
≥ 14000	19.4	41.0	45.7	47.8	48.6	48.6	48.9	49.0	49.0	49.0	49.0	49.1	49.1
≥ 12000	19.5	41.4	46.3	48.5	49.3	49.4	49.6	49.7	49.7	49.8	49.8	49.8	49.8
≥ 10000	19.7	42.2	47.4	49.6	50.5	50.6	50.8	50.9	50.9	51.0	51.0	51.1	51.1
≥ 8000	19.7	42.2	47.4	49.6	50.5	50.6	50.8	50.9	50.9	51.0	51.0	51.1	51.1
≥ 6000	19.8	42.5	47.7	49.9	50.8	50.9	51.1	51.3	51.3	51.4	51.4	51.5	51.5
≥ 4000	19.8	42.5	47.8	50.0	50.9	51.0	51.2	51.4	51.4	51.5	51.5	51.5	51.5
≥ 2000	19.8	42.6	48.0	50.2	51.1	51.1	51.4	51.5	51.5	51.6	51.6	51.7	51.7
≥ 1800	19.8	42.6	48.0	50.2	51.1	51.1	51.4	51.5	51.5	51.6	51.6	51.7	51.7
≥ 1600	20.0	42.7	48.2	50.3	51.2	51.3	51.5	51.7	51.7	51.8	51.8	51.9	51.9
≥ 1400	20.0	42.7	48.2	50.3	51.2	51.3	51.5	51.7	51.7	51.8	51.8	51.9	51.9
≥ 1200	21.5	44.6	50.0	52.2	53.1	53.2	53.4	53.6	53.6	53.6	53.6	53.7	53.7
≥ 1000	22.8	46.4	51.8	54.0	54.8	54.9	55.2	55.3	55.3	55.4	55.4	55.5	55.5
≥ 800	23.5	47.7	53.2	55.3	56.2	56.3	56.5	56.7	56.7	56.8	56.8	56.9	56.9
≥ 600	25.7	52.4	58.5	60.7	61.6	61.7	61.9	62.1	62.1	62.2	62.2	62.3	62.3
≥ 400	28.3	59.5	66.4	69.8	70.9	71.0	71.2	71.4	71.4	71.5	71.5	71.5	71.5
≥ 200	29.6	66.1	73.8	78.4	80.0	80.3	80.7	80.9	80.9	81.0	81.0	81.1	81.1
≥ 100	29.8	68.0	76.4	81.8	83.9	84.2	84.7	84.8	84.8	84.9	84.9	85.0	85.0
≥ 0	30.1	70.2	80.0	86.4	89.0	89.4	90.1	90.2	90.2	90.3	90.3	90.4	90.4
≥ 0	30.3	71.7	82.4	89.4	92.3	92.8	93.6	93.8	93.8	93.9	93.9	94.0	94.0
≥ 0	30.4	72.3	83.3	90.7	93.7	94.4	95.2	95.6	95.6	95.7	95.7	95.7	95.7
≥ 0	30.4	72.5	83.8	91.4	94.7	95.3	96.5	96.8	96.8	96.9	96.9	96.9	96.9
≥ 0	30.4	72.5	84.0	91.6	95.2	96.1	97.3	97.6	97.6	97.7	97.7	97.8	97.8
≥ 0	30.4	72.5	84.0	91.6	95.2	96.4	97.9	98.2	98.3	98.6	98.7	98.8	98.8
≥ 0	30.4	72.5	84.0	91.6	95.2	96.4	97.9	98.6	98.7	99.0	99.1	99.3	99.4
≥ 0	30.4	72.5	84.0	91.6	95.2	96.4	97.9	98.6	98.7	99.0	99.2	99.3	99.4
≥ 0	30.4	72.5	84.0	91.6	95.2	96.4	97.9	98.6	98.7	99.0	99.2	99.3	99.4

1240

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

73-77

YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

01
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	11.3	25.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3
≥ 20000	12.0	26.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7
≥ 18000	12.0	26.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7
≥ 16000	12.0	26.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7
≥ 14000	12.0	28.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
≥ 12000	12.0	28.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7
≥ 10000	12.0	29.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3
≥ 9000	12.0	30.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0
≥ 8000	12.0	30.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7
≥ 7000	12.0	30.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7
≥ 6000	12.0	30.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7
≥ 5000	12.0	30.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7
≥ 4500	12.0	30.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7
≥ 4000	12.0	30.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7
≥ 3500	14.0	32.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7
≥ 3000	16.7	36.0	38.0	38.0	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7
≥ 2500	20.0	40.7	42.7	42.7	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
≥ 2000	21.3	43.3	46.0	46.0	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
≥ 1800	22.7	47.3	50.0	50.0	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 1500	25.3	58.0	62.0	62.7	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 1200	26.7	68.0	72.0	74.0	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 1000	26.7	74.0	78.0	80.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 900	26.7	76.7	81.3	83.3	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 800	27.3	77.3	83.3	86.7	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 700	27.3	79.3	85.3	88.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 600	27.3	79.3	87.3	90.7	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 500	27.3	80.0	88.7	92.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 400	27.3	80.0	89.3	93.3	97.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 300	27.3	80.0	89.3	93.3	97.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 200	27.3	80.0	89.3	93.3	97.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 100	27.3	80.0	90.0	94.0	98.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 0	27.3	80.0	90.0	94.0	98.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3

150

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93112

SAN DIEGO, CALIFORNIA

73-77

SEP

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

04
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½
NO CEILING	11.3	20.0	21.3	21.3	21.3	22.0	22.0	22.0	22.0	22.0	22.0	22.0
≥ 20000	11.3	21.3	22.7	22.7	22.7	23.3	23.3	23.3	23.3	23.3	23.3	23.3
≥ 18000	11.3	21.3	22.7	22.7	22.7	23.3	23.3	23.3	23.3	23.3	23.3	23.3
≥ 16000	11.3	21.3	22.7	22.7	22.7	23.3	23.3	23.3	23.3	23.3	23.3	23.3
≥ 14000	11.3	21.3	22.7	22.7	22.7	23.3	23.3	23.3	23.3	23.3	23.3	23.3
≥ 12000	11.3	21.3	22.7	22.7	22.7	23.3	23.3	23.3	23.3	23.3	23.3	23.3
≥ 10000	12.0	22.7	24.0	24.7	24.7	25.3	25.3	25.3	25.3	25.3	25.3	25.3
≥ 9000	12.0	23.3	24.7	25.3	25.3	26.0	26.0	26.0	26.0	26.0	26.0	26.0
≥ 8000	12.0	24.7	26.0	26.7	26.7	27.3	27.3	27.3	27.3	27.3	27.3	27.3
≥ 7000	12.0	24.7	26.0	26.7	26.7	27.3	27.3	27.3	27.3	27.3	27.3	27.3
≥ 6000	12.0	24.7	26.0	26.7	26.7	27.3	27.3	27.3	27.3	27.3	27.3	27.3
≥ 5000	12.0	25.3	26.7	27.3	27.3	28.0	28.0	28.0	28.0	28.0	28.0	28.0
≥ 4500	12.0	25.3	26.7	27.3	27.3	28.0	28.0	28.0	28.0	28.0	28.0	28.0
≥ 4000	12.7	26.0	27.3	28.0	28.0	28.7	28.7	28.7	28.7	28.7	28.7	28.7
≥ 3500	13.3	26.7	28.0	28.7	28.7	29.3	29.3	29.3	29.3	29.3	29.3	29.3
≥ 3000	15.3	29.3	30.7	31.3	31.3	32.0	32.0	32.0	32.0	32.0	32.0	32.0
≥ 2500	18.0	34.0	35.3	36.0	36.0	36.7	36.7	36.7	36.7	36.7	36.7	36.7
≥ 2000	20.0	38.7	40.0	40.7	40.7	41.3	41.3	41.3	41.3	41.3	41.3	41.3
≥ 1800	21.3	42.0	43.3	44.0	44.0	44.7	44.7	44.7	44.7	44.7	44.7	44.7
≥ 1500	23.3	51.3	54.7	56.0	56.0	56.7	56.7	56.7	56.7	56.7	56.7	56.7
≥ 1200	25.3	59.3	63.3	66.0	66.0	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 1000	25.3	64.0	70.0	72.7	72.7	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 900	25.3	65.3	73.3	76.7	76.7	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 800	25.3	68.0	77.3	80.7	80.7	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 700	25.3	70.0	81.3	85.3	85.3	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 600	25.3	72.0	84.0	88.7	88.7	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 500	25.3	72.0	86.7	91.3	91.3	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 400	25.3	72.7	88.0	92.7	92.7	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 300	25.3	72.7	88.7	93.3	93.3	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 200	25.3	72.7	88.7	93.3	93.3	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 100	25.3	72.7	88.7	93.3	93.3	94.7	94.7	94.7	94.7	94.7	94.7	94.7
0	25.3	72.7	88.7	93.3	93.3	94.7	94.7	94.7	94.7	94.7	94.7	94.7

TOTAL NUMBER OF OBSERVATIONS

150

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

STATION **93112** **SAN DIEGO, CALIFORNIA** **73-77** YEARS **SEP** MONTH **07** HOURS (L.S.T.) **07**
 PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ ½
NO CEILING	9.3	16.7	19.3	20.7	21.3	21.3	21.3	21.3	21.3	21.3	21.3
≥ 20000	10.7	18.7	21.3	22.7	23.3	23.3	23.3	23.3	23.3	23.3	23.3
≥ 18000	10.7	18.7	21.3	22.7	23.3	23.3	23.3	23.3	23.3	23.3	23.3
≥ 16000	10.7	18.7	21.3	22.7	23.3	23.3	23.3	23.3	23.3	23.3	23.3
≥ 14000	10.7	19.3	22.0	23.3	24.0	24.0	24.0	24.0	24.0	24.0	24.0
≥ 12000	10.7	19.3	22.0	24.0	24.7	24.7	24.7	24.7	24.7	24.7	24.7
≥ 10000	12.0	20.7	23.3	25.3	26.0	26.0	26.0	26.0	26.0	26.0	26.0
≥ 9000	12.0	20.7	23.3	25.3	26.0	26.0	26.0	26.0	26.0	26.0	26.0
≥ 8000	12.0	20.7	23.3	25.3	26.0	26.0	26.0	26.0	26.0	26.0	26.0
≥ 7000	12.0	21.3	24.0	26.0	26.7	26.7	26.7	26.7	26.7	26.7	26.7
6000	12.0	21.3	24.0	26.0	26.7	26.7	26.7	26.7	26.7	26.7	26.7
5000	12.0	21.3	24.7	26.7	27.3	27.3	27.3	27.3	27.3	27.3	27.3
4500	12.7	22.0	25.3	27.3	28.0	28.0	28.0	28.0	28.0	28.0	28.0
4000	12.7	22.7	26.0	28.0	28.7	28.7	28.7	28.7	28.7	28.7	28.7
3500	13.3	23.3	26.7	28.7	29.3	29.3	29.3	29.3	29.3	29.3	29.3
3000	16.0	27.3	30.7	32.7	33.3	33.3	33.3	33.3	33.3	33.3	33.3
2500	20.0	32.7	36.0	38.7	39.3	39.3	39.3	39.3	39.3	39.3	39.3
2000	20.7	37.3	42.0	44.7	45.3	45.3	45.3	45.3	45.3	45.3	45.3
1800	20.7	38.0	43.3	46.0	46.7	46.7	46.7	46.7	46.7	46.7	46.7
1500	21.3	43.3	50.0	54.0	54.7	54.7	54.7	54.7	54.7	54.7	54.7
1200	23.3	50.0	58.0	62.7	63.3	63.3	63.3	63.3	63.3	63.3	63.3
1000	23.3	52.7	63.3	70.7	70.7	70.7	70.7	71.3	71.3	71.3	71.3
900	23.3	54.0	66.7	74.7	75.3	76.0	76.0	76.7	76.7	76.7	76.7
800	23.3	56.0	70.0	80.0	80.7	81.3	81.3	82.0	82.0	82.0	82.0
700	23.3	56.0	70.7	81.3	82.0	83.3	84.0	84.7	85.3	85.3	85.3
600	23.3	56.0	70.7	83.3	84.7	87.3	88.0	88.7	89.3	89.3	89.3
500	23.3	56.0	70.7	84.0	85.3	88.7	89.3	90.0	90.7	90.7	91.3
400	23.3	56.0	70.7	84.7	86.0	89.3	91.3	93.3	94.0	94.0	94.7
300	23.3	56.0	70.7	84.7	86.0	89.3	91.3	93.3	94.7	94.7	95.3
200	23.3	56.0	70.7	84.7	86.0	89.3	91.3	93.3	96.0	96.0	98.0
100	23.3	56.0	70.7	84.7	86.0	89.3	91.3	93.3	96.7	96.7	99.3
0	23.3	56.0	70.7	84.7	86.0	89.3	91.3	93.3	96.7	96.7	99.3

TOTAL NUMBER OF OBSERVATIONS **150**

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93112

SAN DIEGO, CALIFORNIA

73-77

SEP

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

10
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ ½
NO CEILING	18.7	38.7	44.0	48.7	48.7	49.3	50.0	50.0	50.0	50.0	50.0
≥ 20000	20.0	41.3	46.7	51.3	51.3	52.0	52.7	52.7	52.7	52.7	52.7
≥ 18000	20.0	41.3	46.7	51.3	51.3	52.0	52.7	52.7	52.7	52.7	52.7
≥ 16000	20.0	41.3	46.7	51.3	51.3	52.0	52.7	52.7	52.7	52.7	52.7
≥ 14000	21.3	42.7	48.0	52.7	52.7	53.3	54.0	54.0	54.0	54.0	54.0
≥ 12000	21.3	43.3	48.7	53.3	53.3	54.0	54.7	54.7	54.7	54.7	54.7
≥ 10000	21.3	43.3	48.7	53.3	53.3	54.0	54.7	54.7	54.7	54.7	54.7
≥ 9000	21.3	43.3	48.7	53.3	53.3	54.0	54.7	54.7	54.7	54.7	54.7
≥ 8000	21.3	43.3	48.7	53.3	53.3	54.0	54.7	54.7	54.7	54.7	54.7
≥ 7000	21.3	43.3	48.7	53.3	53.3	54.0	54.7	54.7	54.7	54.7	54.7
≥ 6000	21.3	43.3	48.7	53.3	53.3	54.0	54.7	54.7	54.7	54.7	54.7
≥ 5000	21.3	43.3	48.7	53.3	53.3	54.0	54.7	54.7	54.7	54.7	54.7
≥ 4500	22.0	44.0	49.3	54.0	54.7	55.3	56.0	56.0	56.0	56.0	56.0
≥ 4000	22.0	44.7	50.0	54.7	55.3	56.0	56.7	56.7	56.7	56.7	56.7
≥ 3500	22.7	45.3	50.7	55.3	56.0	56.7	57.3	57.3	57.3	57.3	57.3
≥ 3000	26.7	49.3	55.3	60.0	60.7	61.3	62.0	62.0	62.0	62.0	62.0
≥ 2500	27.3	51.3	58.0	63.3	64.0	64.7	65.3	65.3	65.3	65.3	65.3
≥ 2000	31.3	57.3	65.3	70.7	71.3	72.0	72.7	72.7	72.7	72.7	72.7
≥ 1800	32.0	59.3	67.3	72.7	73.3	74.0	74.7	74.7	74.7	74.7	74.7
≥ 1500	32.7	66.7	74.7	80.7	81.3	82.0	82.7	82.7	82.7	82.7	82.7
≥ 1200	32.7	67.3	75.3	82.0	82.7	83.3	84.0	84.0	84.0	84.0	84.0
≥ 1000	33.3	70.7	79.3	86.7	88.7	89.3	90.0	90.0	90.0	90.0	90.0
≥ 900	33.3	70.7	79.3	86.7	88.7	89.3	90.7	90.7	90.7	90.7	90.7
≥ 800	33.3	70.7	80.7	90.7	94.0	94.7	96.0	96.0	96.0	96.0	96.0
≥ 700	33.3	70.7	80.7	92.0	95.3	96.0	97.3	98.0	98.0	98.0	98.0
≥ 600	33.3	70.7	80.7	92.0	96.0	96.7	98.0	98.7	98.7	98.7	98.7
≥ 500	33.3	71.3	81.3	92.7	96.7	97.3	98.7	99.0	99.0	99.0	99.0
≥ 400	33.3	71.3	81.3	92.7	96.7	97.3	98.7	99.0	99.0	99.0	99.0
≥ 300	33.3	71.3	81.3	92.7	96.7	97.3	98.7	99.0	99.0	99.0	99.0
≥ 200	33.3	71.3	81.3	92.7	96.7	97.3	98.7	99.0	99.0	99.0	99.0
≥ 100	33.3	71.3	81.3	92.7	96.7	97.3	98.7	99.0	99.0	99.0	99.0
0	33.3	71.3	81.3	92.7	96.7	97.3	98.7	99.0	99.0	99.0	99.0

TOTAL NUMBER OF OBSERVATIONS

150

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

73-77

YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

13
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	27.3	54.7	57.3	60.7	60.7	61.3	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 20000	29.3	60.0	62.7	66.0	66.0	66.7	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 18000	30.0	60.7	63.3	66.7	66.7	67.3	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 16000	30.0	60.7	63.3	66.7	66.7	67.3	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 14000	30.0	61.3	64.0	67.3	67.3	68.0	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 12000	30.0	62.0	64.7	68.0	68.0	68.7	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 10000	30.0	63.3	66.0	69.3	69.3	70.0	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 9000	30.0	63.3	66.0	69.3	69.3	70.0	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 8000	30.7	64.0	66.7	70.0	70.0	70.7	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 7000	30.7	64.0	66.7	70.0	70.0	70.7	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 6000	30.7	64.0	66.7	70.0	70.0	70.7	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 5000	30.7	64.0	66.7	70.0	70.0	70.7	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 4500	31.3	64.7	67.3	70.7	70.7	71.3	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 4000	32.0	65.3	68.0	71.3	71.3	72.0	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 3500	32.0	65.3	68.0	71.3	71.3	72.0	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 3000	34.0	68.0	70.7	74.0	74.0	74.7	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 2500	36.0	70.7	73.3	76.7	76.7	77.3	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 2000	36.7	73.3	76.0	80.0	80.0	80.7	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 1800	37.3	75.3	78.0	82.0	82.0	82.7	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 1500	38.7	78.7	82.0	86.0	86.0	86.7	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 1200	38.7	82.7	86.7	90.7	90.7	92.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 1000	39.3	84.7	88.7	92.7	92.7	94.0	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 900	39.3	84.7	89.3	93.3	93.3	94.7	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 800	39.3	84.7	90.0	94.0	94.0	96.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 700	39.3	84.7	90.0	94.7	94.7	96.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 600	39.3	84.7	90.0	94.7	95.3	98.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 500	39.3	84.7	90.0	94.7	95.3	98.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 400	39.3	84.7	90.0	94.7	95.3	98.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 300	39.3	84.7	90.0	94.7	95.3	98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	39.3	84.7	90.0	94.7	95.3	98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	39.3	84.7	90.0	94.7	95.3	98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	39.3	84.7	90.0	94.7	95.3	98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

150

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

73-77

YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

16
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO. CEILING	36.7	60.0	66.0	66.7	66.7	66.7	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 20000	38.0	63.3	69.3	70.0	70.0	70.0	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 18000	35.0	63.3	69.3	70.0	70.0	70.0	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 16000	38.0	63.3	69.3	70.0	70.0	70.0	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 14000	38.7	64.7	70.7	71.3	71.3	71.3	72.0	72.0	72.0	72.7	72.7	72.7	72.7	72.7
≥ 12000	38.7	64.7	71.3	72.0	72.0	72.0	72.7	72.7	72.7	73.3	73.3	73.3	73.3	73.3
≥ 10000	39.3	66.7	73.3	74.0	74.0	74.0	74.7	74.7	74.7	75.3	75.3	75.3	75.3	75.3
≥ 8000	40.7	68.0	74.7	75.3	75.3	75.3	76.0	76.0	76.0	76.7	76.7	76.7	76.7	76.7
≥ 7000	40.7	68.0	74.7	75.3	75.3	75.3	76.0	76.0	76.0	76.7	76.7	76.7	76.7	76.7
≥ 6000	40.7	68.0	74.7	75.3	75.3	75.3	76.0	76.0	76.0	76.7	76.7	76.7	76.7	76.7
≥ 5000	40.7	68.7	75.3	76.0	76.0	76.0	76.7	76.7	76.7	77.3	77.3	77.3	77.3	77.3
≥ 4500	40.7	68.7	75.3	76.0	76.0	76.0	76.7	76.7	76.7	77.3	77.3	77.3	77.3	77.3
≥ 4000	40.7	68.7	75.3	76.0	76.0	76.0	76.7	76.7	76.7	77.3	77.3	77.3	77.3	77.3
≥ 3500	40.7	68.7	75.3	76.0	76.0	76.0	76.7	76.7	76.7	77.3	77.3	77.3	77.3	77.3
≥ 3000	42.0	71.3	78.0	78.7	78.7	78.7	79.3	79.3	79.3	80.0	80.0	80.0	80.0	80.0
≥ 2500	44.0	73.3	80.0	80.7	80.7	80.7	81.3	81.3	81.3	82.0	82.0	82.0	82.0	82.0
≥ 2000	46.0	76.0	82.7	83.3	83.3	83.3	84.0	84.0	84.0	84.7	84.7	84.7	84.7	84.7
≥ 1800	46.7	77.3	84.0	84.7	84.7	84.7	85.3	85.3	85.3	86.0	86.0	86.0	86.0	86.0
≥ 1500	48.0	81.3	88.0	88.7	88.7	88.7	89.3	89.3	89.3	90.0	90.0	90.0	90.0	90.0
≥ 1200	48.7	84.7	92.0	92.7	92.7	92.7	93.3	93.3	93.3	94.0	94.0	94.0	94.0	94.0
≥ 1000	49.3	86.7	94.0	94.7	94.7	94.7	95.3	95.3	95.3	96.0	96.0	96.0	96.0	96.0
≥ 900	49.3	86.7	94.0	94.7	94.7	94.7	95.3	95.3	95.3	96.0	96.0	96.0	96.0	96.0
≥ 800	49.3	88.0	96.0	96.7	96.7	96.7	97.3	97.3	97.3	98.0	98.0	98.0	98.0	98.0
≥ 700	49.3	88.0	96.0	96.7	96.7	96.7	97.3	97.3	97.3	98.0	98.0	98.0	98.0	98.0
≥ 600	49.3	88.0	96.0	96.7	96.7	96.7	97.3	97.3	97.3	98.0	98.0	98.0	98.0	98.0
≥ 500	49.3	88.0	96.0	96.7	96.7	96.7	97.3	97.3	97.3	98.0	98.0	98.0	98.0	98.0
≥ 400	49.3	88.0	96.0	96.7	96.7	96.7	97.3	97.3	97.3	98.0	98.0	98.0	98.0	98.0
≥ 300	49.3	88.0	96.0	96.7	96.7	96.7	97.3	97.3	97.3	98.0	98.0	98.0	98.0	98.0
≥ 200	49.3	88.0	96.0	96.7	96.7	96.7	97.3	97.3	97.3	98.0	98.0	98.0	98.0	98.0
≥ 100	49.3	88.0	96.0	96.7	96.7	96.7	97.3	97.3	97.3	98.0	98.0	98.0	98.0	98.0
0	49.3	88.0	96.0	96.7	96.7	96.7	97.3	97.3	97.3	98.0	98.0	98.0	98.0	98.0

TOTAL NUMBER OF OBSERVATIONS

150

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

73-77
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

19
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	28.7	52.7	55.3	56.0	56.0	56.0	56.7	56.7	56.7	56.7	56.7	56.7	56.7
≥ 20000	29.3	54.0	56.7	57.3	57.3	57.3	58.0	58.0	58.0	58.0	58.0	58.0	58.0
18000	29.3	54.7	57.3	58.0	58.0	58.0	58.7	58.7	58.7	58.7	58.7	58.7	58.7
16000	29.3	54.7	57.3	58.0	58.0	58.0	58.7	58.7	58.7	58.7	58.7	58.7	58.7
14000	29.3	55.3	58.0	58.7	58.7	58.7	59.3	59.3	59.3	59.3	59.3	59.3	59.3
12000	29.3	55.3	58.0	58.7	58.7	58.7	59.3	59.3	59.3	59.3	59.3	59.3	59.3
10000	29.3	56.0	58.7	59.3	59.3	59.3	60.0	60.0	60.0	60.0	60.0	60.0	60.0
9000	29.3	56.7	60.0	60.7	60.7	60.7	61.3	61.3	61.3	61.3	61.3	61.3	61.3
8000	29.3	56.7	60.0	60.7	60.7	60.7	61.3	61.3	61.3	61.3	61.3	61.3	61.3
7000	29.3	56.7	60.0	60.7	60.7	60.7	61.3	61.3	61.3	61.3	61.3	61.3	61.3
6000	29.3	56.7	60.0	60.7	60.7	60.7	61.3	61.3	61.3	61.3	61.3	61.3	61.3
5000	29.3	56.7	60.0	60.7	60.7	60.7	61.3	61.3	61.3	61.3	61.3	61.3	61.3
4000	29.3	56.7	60.0	60.7	60.7	60.7	61.3	61.3	61.3	61.3	61.3	61.3	61.3
3000	29.3	56.7	60.0	60.7	60.7	60.7	61.3	61.3	61.3	61.3	61.3	61.3	61.3
2500	30.0	58.0	61.3	62.0	62.0	62.0	62.7	62.7	62.7	62.7	62.7	62.7	62.7
2000	32.7	61.3	64.7	65.3	65.3	65.3	66.0	66.0	66.0	66.0	66.0	66.0	66.0
1800	34.0	64.7	68.0	68.0	68.0	68.0	68.7	68.7	68.7	68.7	68.7	68.7	68.7
1600	36.7	71.3	76.0	76.7	76.7	76.7	77.3	77.3	77.3	77.3	77.3	77.3	77.3
1400	39.3	80.0	85.3	86.7	86.7	86.7	87.3	87.3	87.3	87.3	87.3	87.3	87.3
1200	40.7	83.3	89.3	91.3	91.3	91.3	92.0	92.0	92.0	92.0	92.0	92.0	92.0
1000	40.7	84.0	90.0	92.0	92.0	92.0	92.7	92.7	92.7	92.7	92.7	92.7	92.7
900	41.3	86.0	93.3	96.0	96.0	96.0	96.7	96.7	96.7	96.7	96.7	96.7	96.7
800	41.3	86.0	93.3	96.0	96.0	96.0	96.7	96.7	96.7	96.7	96.7	96.7	96.7
700	41.3	86.0	93.3	96.0	96.0	96.0	96.7	96.7	96.7	96.7	96.7	96.7	96.7
600	41.3	86.0	93.3	96.0	96.0	96.0	96.7	96.7	96.7	96.7	96.7	96.7	96.7
500	41.3	86.0	93.3	96.0	96.0	96.0	96.7	96.7	96.7	96.7	96.7	96.7	96.7
400	41.3	86.0	93.3	96.0	96.0	96.0	96.7	96.7	96.7	96.7	96.7	96.7	96.7
300	41.3	86.0	93.3	96.0	96.0	96.0	96.7	96.7	96.7	96.7	96.7	96.7	96.7
200	41.3	86.0	93.3	96.0	96.0	96.0	96.7	96.7	96.7	96.7	96.7	96.7	96.7
100	41.3	86.0	93.3	96.0	96.0	96.0	96.7	96.7	96.7	96.7	96.7	96.7	96.7
0	41.3	86.0	93.3	96.0	96.0	96.0	96.7	96.7	96.7	96.7	96.7	96.7	96.7

TOTAL NUMBER OF OBSERVATIONS 150

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

73-77

YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

22
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾
NO CEILING	17.3	32.0	33.3	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0
≥ 20000	18.0	34.7	36.0	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7
≥ 18000	18.7	35.3	36.7	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3
≥ 16000	18.7	35.3	36.7	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3
≥ 14000	18.7	36.0	37.3	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0
≥ 12000	18.7	37.3	38.7	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3
≥ 10000	18.7	38.7	40.0	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7
≥ 9000	18.7	39.3	40.7	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3
≥ 8000	18.7	40.0	41.3	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0
≥ 7000	18.7	40.0	41.3	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0
≥ 6000	18.7	40.7	42.0	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
≥ 5000	18.7	41.3	42.7	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
≥ 4500	18.7	41.3	42.7	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
≥ 4000	18.7	42.0	43.3	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
≥ 3500	20.0	43.3	44.7	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
≥ 3000	20.7	44.7	46.0	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7
≥ 2500	24.0	48.0	50.0	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
≥ 2000	28.7	55.3	58.7	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
≥ 1800	30.7	58.0	62.0	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 1500	34.0	66.7	71.3	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 1200	35.3	76.0	81.3	82.0	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 1000	36.7	81.3	86.7	88.7	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 900	36.7	82.0	88.7	90.7	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 800	36.7	84.0	90.7	92.7	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 700	36.7	84.7	92.0	95.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 600	36.7	85.3	93.3	97.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 500	36.7	85.3	93.3	97.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 400	36.7	85.3	93.3	97.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 300	36.7	85.3	93.3	97.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 200	36.7	85.3	93.3	97.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 100	36.7	85.3	93.3	97.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
0	36.7	85.3	93.3	97.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS

150

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93112

SAN DIEGO, CALIFORNIA

73-77

SEP

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/16
NO CEILING	20.1	37.5	40.5	41.9	42.0	42.3	42.6	42.6	42.6	42.6	42.6	42.6
≥ 20000	21.1	40.0	43.0	44.4	44.5	44.8	45.1	45.1	45.1	45.1	45.1	45.1
≥ 18000	21.3	40.3	43.3	44.7	44.8	45.0	45.3	45.3	45.3	45.3	45.3	45.3
≥ 16000	21.3	40.3	43.3	44.7	44.8	45.0	45.3	45.3	45.3	45.3	45.3	45.3
≥ 14000	21.5	41.1	44.1	45.5	45.6	45.8	46.3	46.3	46.3	46.3	46.3	46.3
≥ 12000	21.5	41.5	44.6	46.1	46.2	46.4	46.8	46.8	46.8	46.8	46.8	46.8
≥ 10000	21.8	42.6	45.7	47.3	47.3	47.6	48.0	48.0	48.0	48.0	48.0	48.0
≥ 9000	22.0	43.1	46.3	47.8	47.9	48.2	48.6	48.6	48.6	48.6	48.6	48.6
8000	22.1	43.5	46.7	48.3	48.4	48.7	49.1	49.1	49.1	49.1	49.1	49.1
7000	22.1	43.6	46.8	48.3	48.5	48.8	49.2	49.2	49.2	49.2	49.2	49.2
6000	22.1	43.7	46.8	48.4	48.6	48.8	49.3	49.3	49.3	49.3	49.3	49.3
5000	22.1	43.9	47.2	48.8	48.9	49.2	49.6	49.6	49.6	49.6	49.6	49.6
4500	22.3	44.2	47.4	49.0	49.3	49.5	49.9	49.9	49.9	49.9	49.9	49.9
4000	22.5	44.6	47.6	49.4	49.7	49.9	50.3	50.3	50.3	50.3	50.3	50.3
3500	23.2	45.3	48.5	50.1	50.3	50.6	51.0	51.0	51.0	51.0	51.0	51.0
3000	25.2	48.0	51.3	52.9	53.2	53.4	53.8	53.8	53.8	53.8	53.8	53.8
2500	27.8	51.5	55.0	56.8	57.0	57.3	57.7	57.7	57.7	57.7	57.7	57.7
2000	29.8	55.7	59.8	61.6	61.9	62.2	62.6	62.6	62.6	62.6	62.6	62.6
1800	30.8	57.8	62.0	63.8	64.2	64.4	64.8	64.8	64.8	64.8	64.8	64.8
1500	32.5	64.7	69.8	72.1	72.4	72.7	73.1	73.1	73.1	73.1	73.1	73.1
1200	33.8	71.0	76.8	79.6	80.0	80.3	80.8	80.8	80.8	80.8	80.8	80.8
1000	34.3	74.7	81.2	84.6	85.3	85.6	86.0	86.0	86.1	86.2	86.2	86.2
900	34.3	75.5	82.8	86.5	87.3	87.7	88.2	88.2	88.3	88.3	88.3	88.3
800	34.5	76.8	85.2	89.7	90.6	91.1	91.6	91.6	91.7	91.8	91.8	91.8
700	34.5	77.4	86.2	91.3	92.4	93.1	93.7	93.8	93.9	94.0	94.0	94.0
600	34.5	77.8	86.9	92.6	94.2	95.1	95.7	95.8	95.9	96.0	96.0	96.0
500	34.5	77.9	87.5	93.3	95.1	96.1	96.7	96.9	97.0	97.1	97.1	97.1
400	34.5	78.0	87.8	93.7	95.4	96.5	97.5	97.9	98.0	98.1	98.1	98.1
300	34.5	78.0	87.8	93.8	95.5	96.8	97.8	98.3	98.4	98.6	98.6	98.6
200	34.5	78.0	87.8	93.8	95.5	96.8	97.8	98.3	98.4	98.6	98.6	98.6
100	34.5	78.0	87.9	93.8	95.6	96.8	97.9	98.4	98.5	98.8	98.8	98.8
0	34.5	78.0	87.9	93.8	95.6	96.8	97.9	98.4	98.5	98.8	98.8	98.8

1200

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

73-77

YEARS

OCT
MONTH

01
HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	21.3	37.4	38.1	38.7	38.7	38.7	39.4	39.4	39.4	39.4	39.4	40.0	40.0
≥ 20000	21.3	37.4	38.1	38.7	38.7	38.7	39.4	39.4	39.4	39.4	39.4	40.0	40.0
≥ 18000	21.3	37.4	38.1	38.7	38.7	38.7	39.4	39.4	39.4	39.4	39.4	40.0	40.0
≥ 16000	21.3	37.4	38.1	38.7	38.7	38.7	39.4	39.4	39.4	39.4	39.4	40.0	40.0
≥ 14000	21.3	37.4	38.1	38.7	38.7	38.7	39.4	39.4	39.4	39.4	39.4	40.0	40.0
≥ 12000	21.3	37.4	38.1	38.7	38.7	38.7	39.4	39.4	39.4	39.4	39.4	40.0	40.0
≥ 10000	21.3	38.7	39.4	40.0	40.0	40.0	40.7	40.7	40.7	40.7	40.7	41.3	41.3
≥ 9000	21.3	38.7	39.4	40.0	40.0	40.0	40.7	40.7	40.7	40.7	40.7	41.3	41.3
8000	22.6	40.7	41.3	41.9	41.9	41.9	42.6	42.6	42.6	42.6	42.6	43.2	43.2
7000	22.6	40.7	41.3	41.9	41.9	41.9	42.6	42.6	42.6	42.6	42.6	43.2	43.2
6000	23.2	41.9	42.6	43.2	43.2	43.2	43.9	43.9	43.9	43.9	43.9	44.5	44.5
5000	23.2	41.9	42.6	43.2	43.2	43.2	43.9	43.9	43.9	43.9	43.9	44.5	44.5
4500	23.9	42.6	43.2	43.9	43.9	43.9	44.5	44.5	44.5	44.5	44.5	45.2	45.2
4000	24.5	43.9	44.5	45.2	45.2	45.2	45.8	45.8	45.8	45.8	45.8	46.5	46.5
3500	24.5	44.5	45.2	45.8	45.8	45.8	46.5	46.5	46.5	46.5	46.5	47.1	47.1
3000	25.8	45.8	46.5	47.1	47.1	47.1	47.7	47.7	47.7	47.7	47.7	48.4	48.4
2500	28.4	52.3	53.6	54.2	54.2	54.2	54.8	54.8	54.8	54.8	54.8	55.5	55.5
2000	29.7	54.8	56.8	57.4	57.4	57.4	58.1	58.1	58.1	58.1	58.1	58.7	58.7
1800	29.7	56.1	58.1	58.7	58.7	58.7	59.4	59.4	59.4	59.4	59.4	60.0	60.0
1500	31.6	61.9	64.5	65.2	65.2	65.2	65.8	65.8	65.8	65.8	65.8	66.5	66.5
1200	34.2	67.7	71.0	72.9	73.6	73.6	74.2	74.2	74.2	74.2	74.2	74.8	74.8
1000	34.8	69.0	72.3	74.8	75.5	75.5	76.1	76.1	76.1	76.1	76.1	76.8	76.8
900	34.8	70.3	74.2	76.8	77.4	77.4	78.1	78.1	78.1	78.1	78.1	78.7	78.7
800	34.8	70.3	74.8	78.7	80.0	80.7	81.3	81.3	81.3	81.3	81.3	81.9	81.9
700	34.8	71.0	76.8	80.7	81.9	82.6	83.2	83.2	83.2	83.2	83.2	83.9	83.9
600	34.8	71.6	77.4	81.3	83.2	83.9	85.2	85.2	85.2	85.2	85.2	85.8	85.8
500	34.8	71.6	78.1	82.6	85.2	86.5	87.7	88.4	88.4	88.4	88.4	89.0	89.0
400	34.8	71.6	78.1	82.6	85.2	86.5	88.4	89.0	89.0	89.0	89.7	90.3	90.3
300	34.8	71.6	78.1	82.6	85.2	86.5	88.4	89.0	89.0	89.7	90.3	91.0	91.0
200	34.8	71.6	78.1	82.6	85.2	86.5	89.0	89.7	89.7	90.3	91.6	92.9	92.9
100	34.8	71.6	78.1	82.6	85.2	86.5	89.7	89.7	89.7	91.0	92.3	93.6	93.6
0	34.8	71.6	78.1	83.2	85.8	87.1	89.7	90.3	91.6	92.9	93.6	94.2	94.2

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

93112

SAN DIEGO, CALIFORNIA

73-77

OCT

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

04
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														≥ 0
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	
NO CEILING	19.4	32.3	32.9	33.6	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	36.1
≥ 20000	19.4	32.3	32.9	33.6	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	36.1
≥ 18000	19.4	32.3	32.9	33.6	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	36.1
≥ 16000	19.4	32.3	32.9	33.6	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	36.1
≥ 14000	19.4	32.3	32.9	33.6	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	36.1
≥ 12000	19.4	32.3	32.9	33.6	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	36.1
≥ 10000	19.4	32.9	33.6	34.2	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	36.8
≥ 9000	19.4	32.9	33.6	34.2	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	36.8
≥ 8000	20.7	34.8	35.5	36.1	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	38.7
≥ 7000	20.7	34.8	35.5	36.1	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	38.7
≥ 6000	20.7	35.5	36.1	36.8	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	39.4
≥ 5000	20.7	36.1	36.8	37.4	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	40.0
≥ 4500	20.7	36.1	36.8	37.4	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	40.0
≥ 4000	21.3	37.4	38.1	38.7	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	41.3
≥ 3500	21.9	38.7	39.4	40.0	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	42.6
≥ 3000	23.2	40.7	41.3	41.9	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	44.5
≥ 2500	28.4	49.7	51.0	51.6	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	54.2
≥ 2000	28.4	52.3	53.6	54.2	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	56.8
≥ 1800	29.0	54.2	56.1	56.8	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	59.4
≥ 1500	30.3	60.7	62.6	63.2	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	65.8
≥ 1200	31.0	64.5	67.1	69.0	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	72.3
≥ 1000	31.0	65.2	69.0	72.9	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	76.1
≥ 900	31.0	66.5	70.3	74.8	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	78.1
≥ 800	31.0	67.1	71.6	76.1	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	79.4
≥ 700	31.6	67.7	73.6	78.7	80.7	80.7	80.7	80.7	81.3	81.3	81.3	81.3	81.3	81.3	83.2
≥ 600	31.6	68.4	74.8	80.0	83.2	83.2	83.2	83.2	83.9	83.9	83.9	83.9	83.9	83.9	85.8
≥ 500	31.6	68.4	74.8	80.0	83.9	84.5	84.5	84.5	85.2	85.2	85.2	85.2	85.2	85.2	87.1
≥ 400	31.6	68.4	74.8	80.0	83.9	84.5	84.5	84.5	87.7	87.7	87.7	87.7	87.7	87.7	89.0
≥ 300	31.6	68.4	74.8	80.0	83.9	85.2	85.2	85.2	91.0	91.0	91.0	91.0	91.0	91.0	92.9
≥ 200	31.6	68.4	74.8	80.0	83.9	85.2	85.2	85.2	91.0	91.0	91.0	91.0	91.0	91.0	94.8
≥ 100	31.6	68.4	74.8	80.0	83.9	85.2	85.2	85.2	91.0	91.0	91.0	91.0	91.0	91.0	94.8
0	31.6	68.4	74.8	80.0	83.9	85.2	85.2	85.2	91.0	91.0	91.0	91.0	91.0	91.0	100.0

TOTAL NUMBER OF OBSERVATIONS

153

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

73-77

YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

07
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	23.2	27.1	27.1	29.0	31.6	33.6	34.8	34.8	34.8	36.1	36.1	36.1	36.1	36.1	36.8
≥ 20000	23.9	27.7	27.7	29.7	32.3	34.2	35.5	35.5	35.5	36.8	36.8	36.8	36.8	36.8	37.4
≥ 18000	23.9	27.7	27.7	29.7	32.3	34.2	35.5	35.5	35.5	36.8	36.8	36.8	36.8	36.8	37.4
≥ 16000	23.9	27.7	27.7	29.7	32.3	34.2	35.5	35.5	35.5	36.8	36.8	36.8	36.8	36.8	37.4
≥ 14000	23.9	27.7	27.7	29.7	32.3	34.2	35.5	35.5	35.5	36.8	36.8	36.8	36.8	36.8	37.4
≥ 12000	24.5	28.4	28.4	30.3	32.9	34.8	36.1	36.1	36.1	37.4	37.4	37.4	37.4	37.4	38.1
≥ 10000	24.5	28.4	29.0	31.0	33.6	35.5	36.8	36.8	36.8	38.1	38.1	38.1	38.1	38.1	38.7
≥ 9000	24.5	28.4	29.0	31.0	33.6	35.5	36.8	36.8	36.8	38.1	38.1	38.1	38.1	38.1	38.7
8000	25.2	29.7	30.3	32.9	35.5	37.4	39.4	39.4	39.4	40.7	40.7	40.7	40.7	40.7	41.3
7000	25.8	30.3	31.0	33.6	36.1	38.1	40.0	40.0	40.0	41.3	41.3	41.3	41.3	41.3	41.9
6000	25.8	31.0	31.6	34.2	36.8	38.7	40.7	40.7	40.7	41.9	41.9	41.9	41.9	41.9	42.6
5000	26.5	32.3	32.9	35.5	38.1	40.0	41.9	41.9	41.9	43.2	43.2	43.2	43.2	43.2	43.9
4500	26.5	32.9	33.6	36.1	38.7	40.7	42.6	42.6	42.6	43.9	43.9	43.9	43.9	43.9	44.5
4000	26.5	33.6	34.2	36.8	39.4	41.3	43.2	43.2	43.2	44.5	44.5	44.5	44.5	44.5	45.2
3500	27.7	34.8	36.8	39.4	41.9	43.9	45.8	45.8	45.8	47.1	47.1	47.1	47.1	47.1	47.7
3000	31.0	38.1	40.0	42.6	45.2	47.1	49.0	49.0	49.0	50.3	50.3	50.3	50.3	50.3	51.0
2500	32.3	41.9	45.8	48.4	51.0	52.9	54.8	54.8	54.8	56.1	56.1	56.1	56.1	56.1	56.8
2000	34.2	46.5	50.3	52.9	55.5	57.4	59.4	59.4	59.4	60.7	60.7	60.7	60.7	60.7	61.3
1800	34.8	47.7	51.6	54.2	56.8	58.7	60.7	60.7	60.7	61.9	61.9	61.9	61.9	61.9	62.6
1500	34.8	52.3	57.4	60.7	63.2	65.2	67.1	67.1	67.1	68.4	68.4	68.4	68.4	68.4	69.0
1200	35.5	54.2	61.9	66.5	69.0	71.6	74.2	74.2	74.2	75.5	75.5	75.5	75.5	75.5	76.1
1000	35.5	54.2	63.2	67.7	72.3	74.8	77.4	77.4	77.4	78.7	78.7	78.7	78.7	78.7	79.4
900	35.5	54.2	63.9	68.4	72.9	75.5	78.1	78.1	78.1	79.4	79.4	79.4	79.4	79.4	80.0
800	35.5	54.2	63.9	69.0	73.6	77.4	80.0	80.0	80.0	81.3	81.3	81.3	81.3	81.3	81.9
700	35.5	54.2	63.9	69.0	74.2	79.4	81.9	81.9	81.9	83.2	83.2	83.2	83.2	83.2	84.5
600	35.5	54.2	63.9	69.0	74.8	80.7	83.2	83.2	83.2	85.2	85.2	85.2	85.2	85.2	86.5
500	35.5	54.2	63.9	69.7	75.5	81.3	83.9	83.9	83.9	85.8	85.8	85.8	85.8	85.8	87.1
400	35.5	54.2	63.9	69.7	75.5	81.3	83.9	83.9	83.9	87.7	87.7	87.7	87.7	87.7	88.4
300	35.5	54.2	63.9	69.7	75.5	81.3	84.5	84.5	84.5	90.3	90.3	90.3	90.3	90.3	91.6
200	35.5	54.2	63.9	69.7	75.5	81.3	84.5	84.5	84.5	91.6	91.6	91.6	91.6	91.6	92.8
100	35.5	54.2	63.9	69.7	75.5	81.3	84.5	84.5	84.5	91.6	91.6	91.6	91.6	91.6	92.8
0	35.5	54.2	63.9	69.7	75.5	81.3	84.5	84.5	84.5	91.6	91.6	91.6	91.6	91.6	92.8

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

73-77

YEARS

UCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

10
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	25.8	38.7	43.2	56.8	61.3	63.2	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 20000	27.1	40.0	44.5	58.1	62.6	64.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 18000	27.1	40.0	44.5	58.1	62.6	64.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 16000	27.1	40.0	44.5	58.1	62.6	64.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 14000	27.1	40.0	44.5	58.1	63.2	65.2	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 12000	27.1	40.0	44.5	58.1	63.2	65.2	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 10000	27.1	40.7	46.5	60.0	65.2	67.1	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 9000	27.1	40.7	46.5	60.0	65.2	67.1	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 8000	27.7	41.9	47.7	61.3	66.5	68.4	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 7000	27.7	42.6	48.4	61.9	67.1	69.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 6000	27.7	42.6	48.4	61.9	67.1	69.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 5000	27.7	42.6	49.0	62.6	67.7	69.7	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 4500	28.4	43.2	49.7	63.2	68.4	70.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 4000	29.7	44.5	51.0	64.5	69.7	71.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 3500	30.3	45.8	52.3	65.8	71.0	72.9	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 3000	31.0	48.4	54.8	68.4	73.6	75.5	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 2500	32.9	52.9	59.4	72.9	78.1	80.0	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 2000	34.8	55.5	62.6	76.1	81.3	83.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 1800	34.8	56.1	63.2	76.8	81.9	83.9	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 1500	35.5	58.7	66.5	81.3	88.4	90.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 1200	35.5	59.4	68.4	84.5	91.6	93.6	95.5	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1000	36.1	60.0	69.0	85.8	94.2	96.1	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 900	36.1	60.0	69.0	85.8	94.2	96.1	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 800	36.1	60.0	69.0	85.8	94.8	96.8	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 700	36.1	60.0	69.0	85.8	94.8	96.8	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 600	36.1	60.0	69.0	85.8	95.5	97.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	36.1	60.0	69.0	85.8	95.5	97.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	36.1	60.0	69.0	85.8	95.5	97.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	36.1	60.0	69.0	85.8	95.5	97.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	36.1	60.0	69.0	85.8	95.5	97.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	36.1	60.0	69.0	85.8	95.5	97.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	36.1	60.0	69.0	85.8	95.5	97.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0

155

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

73-77

YEARS

UCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

13
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	34.8	55.5	61.3	68.4	72.3	75.5	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 20000	36.1	58.7	65.2	72.3	76.8	80.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 18000	36.1	58.7	65.2	72.3	76.8	80.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 16000	36.1	58.7	65.2	72.3	76.8	80.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 14000	38.1	60.7	67.1	74.2	78.7	81.9	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 12000	38.1	60.7	67.1	74.2	78.7	81.9	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 10000	38.1	61.3	67.7	74.8	79.4	82.6	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 9000	38.1	61.3	67.7	74.8	79.4	82.6	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 8000	39.4	62.6	69.0	76.1	80.7	83.9	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 7000	39.4	62.6	69.0	76.1	80.7	83.9	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 6000	39.4	62.6	69.0	76.1	80.7	83.9	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 5000	40.0	63.2	69.7	76.8	81.3	84.5	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 4500	40.7	63.9	70.3	77.4	81.9	85.2	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 4000	40.7	63.9	70.3	77.4	81.9	85.2	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 3500	40.7	63.9	70.3	77.4	81.9	85.2	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 3000	41.3	65.8	72.3	79.4	83.9	87.1	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 2500	42.6	69.0	76.1	83.2	87.7	91.0	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 2000	43.2	71.0	78.1	85.2	90.3	93.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 1800	43.2	71.0	78.1	85.2	90.3	93.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 1500	43.9	72.3	79.4	87.7	92.9	96.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1200	43.9	72.9	80.0	88.4	93.6	96.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1000	43.9	73.6	81.3	89.7	94.8	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 900	43.9	73.6	81.3	90.3	95.5	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	43.9	73.6	81.3	90.3	95.5	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	43.9	73.6	81.3	90.3	95.5	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	43.9	73.6	81.3	90.3	95.5	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	43.9	73.6	81.3	90.3	95.5	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	43.9	73.6	81.3	90.3	95.5	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	43.9	73.6	81.3	90.3	95.5	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	43.9	73.6	81.3	90.3	95.5	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	43.9	73.6	81.3	90.3	95.5	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	43.9	73.6	81.3	90.3	95.5	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

73-77

YEAR

OCT
MONTH

16

HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	36.8	56.8	60.7	63.9	65.2	67.1	69.0	69.7	70.3	70.3	70.3	70.3	70.3
≥ 20000	39.4	61.3	65.8	69.7	71.6	73.6	75.5	76.1	76.8	76.8	76.8	76.8	76.8
≥ 18000	39.4	61.3	65.8	69.7	71.6	73.6	75.5	76.1	76.8	76.8	76.8	76.8	76.8
≥ 16000	39.4	61.3	65.8	69.7	71.6	73.6	75.5	76.1	76.8	76.8	76.8	76.8	76.8
≥ 14000	40.0	61.9	66.5	70.3	72.9	74.8	76.8	77.4	78.1	78.1	78.1	78.1	78.1
≥ 12000	40.0	61.9	66.5	71.0	73.6	75.5	77.4	78.1	78.7	78.7	78.7	78.7	78.7
≥ 10000	40.7	62.6	67.7	72.3	74.8	76.8	78.7	79.4	80.0	80.0	80.0	80.0	80.0
≥ 9000	40.7	62.6	67.7	72.3	74.8	76.8	78.7	79.4	80.0	80.0	80.0	80.0	80.0
≥ 8000	40.7	63.2	69.0	73.6	76.1	78.1	80.0	80.7	81.3	81.3	81.3	81.3	81.3
≥ 7000	41.3	63.9	69.7	74.2	76.8	78.7	80.7	81.3	81.9	81.9	81.9	81.9	81.9
≥ 6000	41.3	63.9	69.7	74.2	76.8	78.7	80.7	81.3	81.9	81.9	81.9	81.9	81.9
≥ 5000	41.3	64.5	70.3	74.8	77.4	79.4	81.3	81.9	82.6	82.6	82.6	82.6	82.6
≥ 4500	41.3	64.5	70.3	74.8	77.4	79.4	81.3	81.9	82.6	82.6	82.6	82.6	82.6
≥ 4000	41.3	64.5	70.3	74.8	77.4	79.4	81.3	81.9	82.6	82.6	82.6	82.6	82.6
≥ 3500	41.9	65.2	71.0	75.5	78.1	80.0	81.9	82.6	83.2	83.2	83.2	83.2	83.2
≥ 3000	41.9	65.8	71.6	76.1	78.7	80.7	82.6	83.2	83.9	83.9	83.9	83.9	83.9
≥ 2500	45.8	71.0	76.8	81.3	83.9	85.8	87.7	88.4	89.0	89.0	89.0	89.0	89.0
≥ 2000	49.0	75.5	81.3	86.5	89.0	91.6	93.6	94.2	94.8	94.8	94.8	94.8	94.8
≥ 1800	49.7	76.1	81.9	87.1	89.7	92.3	94.2	94.8	95.5	95.5	95.5	95.5	95.5
≥ 1500	49.7	77.4	83.9	89.0	91.6	94.2	96.1	96.8	97.4	97.4	97.4	97.4	97.4
≥ 1200	49.7	77.4	83.9	89.0	91.6	94.2	96.1	96.8	97.4	97.4	97.4	97.4	97.4
≥ 1000	50.3	78.1	84.5	91.0	93.6	96.1	98.1	98.7	99.4	99.4	99.4	99.4	99.4
≥ 900	50.3	78.1	84.5	91.0	93.6	96.1	98.1	98.7	99.4	99.4	99.4	99.4	99.4
≥ 800	50.3	78.1	84.5	91.0	93.6	96.1	98.1	98.7	99.4	99.4	99.4	99.4	99.4
≥ 700	50.3	78.1	84.5	91.0	93.6	96.1	98.1	98.7	99.4	99.4	99.4	99.4	99.4
≥ 600	50.3	78.1	84.5	91.0	93.6	96.1	98.1	98.7	99.4	99.4	99.4	99.4	99.4
≥ 500	50.3	78.1	84.5	91.0	93.6	96.1	98.1	98.7	99.4	99.4	99.4	99.4	99.4
≥ 400	50.3	78.1	84.5	91.0	93.6	96.1	98.1	98.7	99.4	99.4	99.4	99.4	99.4
≥ 300	50.3	78.1	84.5	91.0	93.6	96.1	98.1	98.7	99.4	99.4	99.4	99.4	99.4
≥ 200	50.3	78.1	84.5	91.0	93.6	96.1	98.1	98.7	99.4	99.4	99.4	99.4	99.4
≥ 100	50.3	78.1	84.5	91.0	93.6	96.1	98.1	98.7	99.4	99.4	99.4	99.4	99.4
0	50.3	78.1	84.5	91.0	93.6	96.1	98.1	98.7	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS

159

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

73-77

YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

19
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ ½
NO CEILING	31.6	54.8	58.7	64.5	66.5	66.5	67.1	67.1	67.7	67.7	67.7
≥ 20000	32.3	58.1	62.6	69.0	71.6	71.6	72.3	72.3	72.9	72.9	72.9
≥ 18000	32.3	58.1	62.6	69.0	71.6	71.6	72.3	72.3	72.9	72.9	72.9
≥ 16000	32.3	58.1	62.6	69.0	71.6	71.6	72.3	72.3	72.9	72.9	72.9
≥ 14000	32.3	58.1	62.6	69.0	71.6	71.6	72.3	72.3	72.9	72.9	72.9
≥ 12000	32.3	58.1	62.6	69.0	71.6	71.6	72.3	72.3	72.9	72.9	72.9
≥ 10000	32.9	59.4	64.5	71.0	73.6	73.6	74.2	74.2	74.8	74.8	74.8
≥ 9000	32.9	59.4	64.5	71.0	73.6	73.6	74.2	74.2	74.8	74.8	74.8
≥ 8000	34.2	61.3	66.5	73.6	76.1	76.1	76.8	76.8	77.4	77.4	77.4
≥ 7000	34.2	61.3	66.5	73.6	76.1	76.1	76.8	76.8	77.4	77.4	77.4
≥ 6000	34.2	61.9	67.1	74.2	76.8	76.8	77.4	77.4	78.1	78.1	78.1
≥ 5000	34.8	62.6	67.7	74.8	77.4	77.4	78.1	78.1	78.7	78.7	78.7
≥ 4500	34.8	62.6	67.7	74.8	77.4	77.4	78.1	78.1	78.7	78.7	78.7
≥ 4000	36.1	63.9	69.0	76.1	78.7	78.7	79.4	79.4	80.0	80.0	80.0
≥ 3500	36.1	63.9	69.0	76.1	78.7	78.7	79.4	79.4	80.0	80.0	80.0
≥ 3000	37.4	66.5	71.6	78.7	81.3	81.3	81.9	81.9	82.6	82.6	82.6
≥ 2500	39.4	69.0	74.2	81.3	83.9	83.9	84.5	84.5	85.2	85.2	85.2
≥ 2000	41.9	71.6	76.8	84.5	87.1	87.1	87.7	87.7	88.4	88.4	88.4
≥ 1800	41.9	72.3	77.4	85.2	87.7	87.7	88.4	88.4	89.0	89.0	89.0
≥ 1500	43.9	77.4	82.6	90.3	92.9	92.9	93.6	93.6	94.2	94.2	94.2
≥ 1200	44.5	79.4	84.5	92.9	95.5	95.5	96.1	96.1	96.8	96.8	96.8
≥ 1000	44.5	79.4	84.5	92.9	95.5	95.5	96.1	96.1	96.8	96.8	96.8
≥ 900	44.5	79.4	84.5	92.9	96.1	96.1	96.8	96.8	97.4	97.4	97.4
≥ 800	44.5	80.0	85.2	93.6	96.8	96.8	97.4	97.4	98.1	98.1	98.1
≥ 700	44.5	80.0	85.2	94.2	97.4	97.4	98.1	98.1	98.7	98.7	98.7
≥ 600	44.5	80.0	85.2	94.2	97.4	97.4	98.1	98.1	98.7	98.7	98.7
≥ 500	44.5	80.0	85.2	94.2	97.4	97.4	98.1	98.1	98.7	98.7	98.7
≥ 400	44.5	80.0	85.2	94.2	97.4	97.4	98.1	98.1	98.7	98.7	98.7
≥ 300	44.5	80.0	85.2	94.2	97.4	97.4	98.1	98.1	98.7	98.7	98.7
≥ 200	44.5	80.0	85.2	94.2	97.4	97.4	98.1	98.1	98.7	98.7	98.7
≥ 100	44.5	80.0	85.2	94.2	97.4	97.4	98.1	98.1	98.7	98.7	98.7
0	44.5	80.0	85.2	94.2	97.4	97.4	98.1	98.1	98.7	98.7	98.7

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93112

SAN DIEGO, CALIFORNIA

73-77

OCT

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

22

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 0
NO CEILING	25.8	45.8	47.1	52.3	54.8	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
≥ 20000	26.5	46.5	48.4	53.6	56.1	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 18000	26.5	46.5	48.4	53.6	56.1	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 16000	26.5	46.5	48.4	53.6	56.1	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 14000	26.5	46.5	48.4	53.6	56.1	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 12000	26.5	46.5	48.4	53.6	56.1	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 10000	27.1	48.4	50.3	55.5	58.1	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 9000	27.1	48.4	50.3	55.5	58.1	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
8000	27.7	49.7	51.6	56.8	59.4	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
7000	27.7	50.3	52.3	57.4	60.0	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
6000	27.7	51.0	52.9	58.1	60.7	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
5000	28.4	51.6	53.6	58.7	61.3	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
4500	28.4	51.6	53.6	58.7	61.3	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
4000	29.7	53.6	55.5	60.7	63.2	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
3500	29.7	53.6	55.5	60.7	63.2	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
3000	31.0	54.8	56.8	61.9	64.5	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
2500	34.8	61.9	64.5	69.7	72.3	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
2000	37.4	65.2	67.7	72.9	75.5	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
1800	37.4	65.8	68.4	73.6	76.1	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
1500	37.4	69.0	71.6	76.8	79.4	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
1200	38.1	73.6	77.4	83.2	86.5	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
1000	39.4	74.8	79.4	85.2	88.4	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
900	39.4	76.1	81.3	87.1	90.3	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
800	39.4	76.1	81.9	88.4	91.6	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
700	39.4	76.1	81.9	89.0	92.3	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
600	39.4	76.1	81.9	89.7	93.6	94.8	95.5	95.5	95.5	95.5	95.5	95.5	95.5
500	39.4	76.1	81.9	89.7	94.2	95.5	96.1	96.1	96.1	96.1	96.1	96.1	96.1
400	39.4	76.1	81.9	89.7	94.2	95.5	96.1	96.1	96.1	96.1	96.1	96.1	96.1
300	39.4	76.1	81.9	89.7	94.2	95.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8
200	39.4	76.1	81.9	89.7	94.2	95.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8
100	39.4	76.1	81.9	89.7	94.2	95.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8
0	39.4	76.1	81.9	89.7	94.2	95.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

73-77

YEARS

UCT
MONTH

ALL
HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	27.3	43.6	46.1	50.9	53.1	54.3	55.2	55.2	55.4	55.6	55.6	55.6	55.7	55.7
≥ 20000	28.2	45.2	48.2	53.1	55.5	56.7	57.7	57.7	57.9	58.1	58.1	58.1	58.2	58.2
≥ 18000	28.2	45.2	48.2	53.1	55.5	56.7	57.7	57.7	57.9	58.1	58.1	58.1	58.2	58.2
≥ 16000	28.2	45.2	48.2	53.1	55.5	56.7	57.7	57.7	57.9	58.1	58.1	58.1	58.2	58.2
≥ 14000	28.6	45.6	48.5	53.4	56.0	57.2	58.2	58.2	58.4	58.6	58.6	58.6	58.6	58.6
≥ 12000	28.6	45.7	48.6	53.6	56.1	57.3	58.3	58.4	58.6	58.7	58.7	58.8	58.8	58.8
≥ 10000	28.9	46.5	49.8	54.8	57.4	58.6	59.6	59.7	59.8	60.0	60.0	60.1	60.1	60.1
≥ 9000	28.9	46.5	49.8	54.8	57.4	58.6	59.6	59.7	59.8	60.0	60.0	60.1	60.1	60.1
≥ 8000	29.8	48.0	51.4	56.5	59.1	60.3	61.4	61.5	61.6	61.8	61.8	61.9	61.9	61.9
≥ 7000	29.9	48.3	51.7	56.9	59.4	60.7	61.7	61.8	61.9	62.1	62.1	62.2	62.2	62.2
≥ 6000	30.0	48.8	52.2	57.3	59.9	61.1	62.2	62.3	62.4	62.6	62.6	62.7	62.7	62.7
≥ 5000	30.3	49.4	52.8	58.0	60.6	61.8	62.8	62.9	63.1	63.2	63.2	63.3	63.3	63.3
≥ 4500	30.6	49.7	53.2	58.3	60.9	62.1	63.2	63.2	63.4	63.6	63.6	63.6	63.6	63.6
≥ 4000	31.2	50.7	54.1	59.3	61.9	63.1	64.1	64.2	64.4	64.5	64.5	64.6	64.6	64.6
≥ 3500	31.6	51.3	54.9	60.1	62.7	63.9	64.9	65.0	65.2	65.3	65.3	65.4	65.4	65.4
≥ 3000	32.8	53.2	56.9	62.0	64.6	65.8	66.9	66.9	67.1	67.3	67.3	67.3	67.3	67.3
≥ 2500	35.6	58.5	62.7	67.8	70.4	71.6	72.7	72.7	72.9	73.1	73.1	73.2	73.2	73.2
≥ 2000	37.3	61.5	65.9	71.2	73.9	75.2	76.2	76.3	76.5	76.6	76.6	76.7	76.7	76.7
≥ 1800	37.6	62.4	66.9	72.3	74.9	76.2	77.3	77.3	77.5	77.7	77.7	77.7	77.7	77.7
≥ 1500	38.4	66.2	71.1	76.8	79.7	81.0	82.0	82.2	82.3	82.5	82.5	82.6	82.6	82.6
≥ 1200	39.0	68.6	74.3	80.8	84.0	85.3	86.5	86.6	86.8	86.9	86.9	87.0	87.0	87.0
≥ 1000	39.4	69.3	75.4	82.5	86.1	87.4	88.6	88.7	88.9	89.0	89.0	89.1	89.1	89.1
≥ 900	39.4	69.8	76.1	83.4	87.0	88.4	89.5	89.7	89.8	90.0	90.0	90.1	90.1	90.1
≥ 800	39.4	69.9	76.5	84.1	87.9	89.5	90.7	90.8	91.0	91.1	91.1	91.2	91.2	91.2
≥ 700	39.5	70.1	77.0	84.8	88.8	90.7	91.8	92.2	92.3	92.5	92.5	92.6	92.6	92.6
≥ 600	39.5	70.2	77.3	85.2	89.6	91.5	92.8	93.3	93.5	93.6	93.6	93.7	93.7	93.7
≥ 500	39.5	70.2	77.3	85.4	90.1	92.2	93.5	94.0	94.2	94.5	94.5	94.6	94.6	94.6
≥ 400	39.5	70.2	77.3	85.4	90.1	92.2	93.8	94.7	94.8	95.5	95.5	95.8	95.8	95.8
≥ 300	39.5	70.2	77.3	85.4	90.1	92.3	94.4	95.3	95.5	96.5	96.5	96.9	96.9	96.9
≥ 200	39.5	70.2	77.3	85.4	90.1	92.3	94.5	95.5	95.7	96.6	97.3	97.7	97.7	97.7
≥ 100	39.5	70.2	77.3	85.4	90.1	92.3	94.5	95.5	95.7	96.7	97.3	97.8	97.8	97.8
≥ 0	39.5	70.2	77.3	85.5	90.2	92.3	94.6	95.6	95.7	96.8	97.4	98.1	98.1	98.1

1240

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

73-77

YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

01
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														≥ 0
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	
NO CEILING	34.0	56.0	59.3	60.7	62.0	62.7	63.3	63.3	63.3	63.3	63.3	64.0	64.0	64.0	64.7
≥ 20000	34.0	56.7	60.0	61.3	62.7	63.3	64.0	64.0	64.0	64.0	64.0	64.7	64.7	64.7	65.3
≥ 18000	34.0	56.7	60.0	61.3	62.7	63.3	64.0	64.0	64.0	64.0	64.0	64.7	64.7	64.7	65.3
≥ 16000	34.0	56.7	60.0	61.3	62.7	63.3	64.0	64.0	64.0	64.0	64.0	64.7	64.7	64.7	65.3
≥ 14000	34.0	57.3	60.7	62.0	63.3	64.0	64.7	64.7	64.7	64.7	64.7	65.3	65.3	65.3	66.0
≥ 12000	34.0	57.3	60.7	62.0	63.3	64.0	64.7	64.7	64.7	64.7	64.7	65.3	65.3	65.3	66.0
≥ 10000	34.0	57.3	60.7	62.0	63.3	64.0	64.7	64.7	64.7	64.7	64.7	65.3	65.3	65.3	66.0
≥ 9000	34.0	57.3	60.7	62.0	63.3	64.0	64.7	64.7	64.7	64.7	64.7	65.3	65.3	65.3	66.0
≥ 8000	34.0	57.3	60.7	62.0	63.3	64.0	64.7	64.7	64.7	64.7	64.7	65.3	65.3	65.3	66.0
≥ 7000	34.0	57.3	60.7	62.0	63.3	64.0	64.7	64.7	64.7	64.7	64.7	65.3	65.3	65.3	66.0
≥ 6000	34.0	57.3	60.7	62.0	63.3	64.0	64.7	64.7	64.7	64.7	64.7	65.3	65.3	65.3	66.0
≥ 5000	34.0	57.3	60.7	62.0	63.3	64.0	64.7	64.7	64.7	64.7	64.7	65.3	65.3	65.3	66.0
≥ 4500	34.0	58.0	61.3	62.7	64.0	64.7	65.3	65.3	65.3	65.3	65.3	66.0	66.0	66.0	66.7
≥ 4000	34.0	58.7	62.0	63.3	64.7	65.3	66.0	66.0	66.0	66.0	66.0	66.7	66.7	66.7	67.3
≥ 3500	34.0	60.0	63.3	64.7	66.0	66.7	67.3	67.3	67.3	67.3	67.3	68.0	68.0	68.0	68.7
≥ 3000	35.3	61.3	64.7	66.0	67.3	68.0	68.7	68.7	68.7	68.7	68.7	69.3	69.3	69.3	70.0
≥ 2500	36.0	64.7	68.0	69.3	70.7	71.3	72.0	72.0	72.0	72.0	72.0	72.7	72.7	72.7	73.3
≥ 2000	36.0	66.0	69.3	70.7	72.0	72.7	73.3	73.3	73.3	73.3	73.3	74.0	74.0	74.0	74.7
≥ 1800	36.0	66.0	69.3	70.7	72.0	72.7	73.3	73.3	73.3	73.3	73.3	74.0	74.0	74.0	74.7
≥ 1500	36.7	71.3	74.7	76.7	78.0	78.7	79.3	79.3	79.3	79.3	79.3	80.0	80.0	80.0	80.7
≥ 1200	37.3	73.3	76.7	79.3	80.7	81.3	82.0	82.7	82.7	82.7	82.7	83.3	83.3	83.3	84.0
≥ 1000	37.3	75.3	78.7	82.7	84.0	84.7	85.3	86.0	86.0	86.0	86.0	86.7	86.7	86.7	87.3
≥ 900	37.3	75.3	78.7	82.7	84.0	84.7	85.3	86.0	86.0	86.0	86.0	86.7	86.7	86.7	87.3
≥ 800	37.3	76.0	79.3	83.3	84.7	86.0	86.7	87.3	87.3	87.3	87.3	88.0	88.0	88.0	88.7
≥ 700	37.3	76.7	80.0	84.0	85.3	86.7	87.3	88.0	88.0	88.0	88.0	88.7	88.7	88.7	89.3
≥ 600	37.3	76.7	80.0	84.0	86.0	87.3	88.0	88.7	88.7	88.7	88.7	89.3	89.3	89.3	90.0
≥ 500	37.3	76.7	80.0	84.0	86.0	87.3	88.0	88.7	88.7	88.7	88.7	89.3	89.3	89.3	90.0
≥ 400	37.3	76.7	80.0	84.7	86.7	88.0	88.7	89.3	89.3	89.3	89.3	90.0	90.0	90.0	90.7
≥ 300	37.3	76.7	80.0	84.7	86.7	88.0	88.7	89.3	89.3	89.3	89.3	90.0	90.0	90.0	90.7
≥ 200	37.3	76.7	80.0	84.7	86.7	88.0	88.7	89.3	89.3	89.3	89.3	90.0	90.0	90.0	90.7
≥ 100	37.3	76.7	80.0	84.7	86.7	88.0	88.7	89.3	89.3	89.3	89.3	90.0	90.0	90.0	90.7
≥ 0	37.3	76.7	80.0	84.7	86.7	88.0	88.7	89.3	89.3	89.3	89.3	90.0	90.0	90.0	90.7

TOTAL NUMBER OF OBSERVATIONS 150

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

73-77

YEARS

NOV
MONTH

04
HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ ½
NO CEILING	38.0	61.3	62.7	66.7	66.7	67.3	67.3	67.3	67.3	67.3	67.3
≥ 20000	38.0	62.0	63.3	67.3	67.3	68.0	68.0	68.0	68.0	68.0	68.0
≥ 18000	38.0	62.0	63.3	67.3	67.3	68.0	68.0	68.0	68.0	68.0	68.0
≥ 16000	38.0	62.0	63.3	67.3	67.3	68.0	68.0	68.0	68.0	68.0	68.0
≥ 14000	38.0	62.0	63.3	67.3	67.3	68.0	68.0	68.0	68.0	68.0	68.0
≥ 12000	38.0	62.0	63.3	67.3	67.3	68.0	68.0	68.0	68.0	68.0	68.0
≥ 10000	38.0	62.0	63.3	67.3	67.3	68.0	68.0	68.0	68.0	68.0	68.0
≥ 9000	38.0	62.0	63.3	67.3	67.3	68.0	68.0	68.0	68.0	68.0	68.0
≥ 8000	38.0	62.0	63.3	67.3	67.3	68.0	68.0	68.0	68.0	68.0	68.0
≥ 7000	38.0	62.0	63.3	67.3	67.3	68.0	68.0	68.0	68.0	68.0	68.0
≥ 6000	38.0	62.0	63.3	67.3	67.3	68.0	68.0	68.0	68.0	68.0	68.0
≥ 5000	38.7	62.7	64.0	68.0	68.0	68.7	68.7	68.7	68.7	68.7	68.7
≥ 4500	38.7	62.7	64.0	68.0	68.0	68.7	68.7	68.7	68.7	68.7	68.7
≥ 4000	39.3	63.3	64.7	68.7	68.7	69.3	69.3	69.3	69.3	69.3	69.3
≥ 3500	39.3	63.3	64.7	68.7	68.7	69.3	69.3	69.3	69.3	69.3	69.3
≥ 3000	40.0	64.0	65.3	69.3	69.3	70.0	70.0	70.0	70.0	70.0	70.0
≥ 2500	40.7	66.7	68.0	72.0	72.0	72.7	72.7	72.7	72.7	72.7	72.7
≥ 2000	40.7	68.0	69.3	74.7	74.7	75.3	75.3	75.3	75.3	75.3	75.3
≥ 1800	40.7	68.0	69.3	74.7	74.7	75.3	75.3	75.3	75.3	75.3	75.3
≥ 1500	41.3	72.7	74.0	79.3	79.3	80.0	80.0	80.0	80.0	80.0	80.0
≥ 1200	42.0	74.7	76.0	81.3	81.3	82.0	82.0	82.0	82.0	82.0	82.0
≥ 1000	42.0	76.0	77.3	84.7	84.7	85.3	85.3	85.3	85.3	85.3	85.3
≥ 900	42.0	76.0	77.3	84.7	84.7	85.3	85.3	85.3	85.3	85.3	85.3
≥ 800	42.0	76.7	78.0	86.0	86.0	86.7	86.7	86.7	86.7	86.7	86.7
≥ 700	42.0	76.7	78.0	86.0	86.0	86.7	86.7	86.7	86.7	86.7	86.7
≥ 600	42.0	76.7	78.0	86.0	86.0	86.7	86.7	86.7	86.7	86.7	86.7
≥ 500	42.0	76.7	78.0	86.0	86.0	86.7	86.7	86.7	86.7	86.7	86.7
≥ 400	42.0	76.7	78.0	86.0	86.0	86.7	86.7	86.7	86.7	86.7	86.7
≥ 300	42.0	76.7	78.7	86.7	86.7	87.3	87.3	87.3	87.3	87.3	87.3
≥ 200	42.0	76.7	78.7	86.7	86.7	87.3	87.3	87.3	87.3	87.3	87.3
≥ 100	42.0	76.7	78.7	86.7	86.7	87.3	87.3	87.3	87.3	87.3	87.3
0	42.0	76.7	78.7	86.7	86.7	87.3	87.3	87.3	87.3	87.3	87.3

TOTAL NUMBER OF OBSERVATIONS 150

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

73-77

YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

07
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½
NO CEILING	48.0	58.0	59.3	60.7	62.7	64.7	66.0	66.7	66.7	66.7	66.7	67.3
≥ 20000	49.3	60.7	62.0	64.0	66.0	68.0	69.3	70.0	70.0	70.0	70.0	70.7
AI 18000	49.3	60.7	62.0	64.0	66.0	68.0	69.3	70.0	70.0	70.0	70.0	70.7
AI 16000	49.3	60.7	62.0	64.0	66.0	68.0	69.3	70.0	70.0	70.0	70.0	70.7
AI 14000	49.3	60.7	62.0	64.0	66.0	68.0	69.3	70.0	70.0	70.0	70.0	70.7
AI 12000	50.7	62.0	63.3	65.3	67.3	69.3	70.7	71.3	71.3	71.3	71.3	72.0
AI 10000	50.7	62.0	63.3	65.3	67.3	69.3	70.7	71.3	71.3	71.3	71.3	72.0
AI 9000	51.3	62.7	64.0	66.0	68.0	70.0	71.3	72.0	72.0	72.0	72.0	72.7
AI 8000	51.3	62.7	64.0	66.0	68.0	70.0	71.3	72.0	72.0	72.0	72.0	72.7
AI 7000	51.3	62.7	64.0	66.0	68.0	70.0	71.3	72.0	72.0	72.0	72.0	72.7
AI 6000	52.0	63.3	64.7	66.7	68.7	70.7	72.0	72.7	72.7	72.7	72.7	73.3
AI 5000	52.0	63.3	64.7	66.7	68.7	70.7	72.0	72.7	72.7	72.7	72.7	73.3
AI 4500	52.7	64.0	65.3	67.3	69.3	71.3	72.7	73.3	73.3	73.3	73.3	74.0
AI 4000	53.3	64.7	66.0	68.0	70.0	72.0	73.3	74.0	74.0	74.0	74.0	74.7
AI 3500	54.0	66.0	67.3	69.3	71.3	73.3	74.7	75.3	75.3	75.3	75.3	76.0
AI 3000	54.0	66.7	68.0	70.0	72.0	74.0	75.3	76.0	76.0	76.0	76.0	76.7
AI 2500	54.7	68.0	69.3	71.3	73.3	75.3	76.7	77.3	77.3	77.3	77.3	78.0
AI 2000	54.7	69.3	71.3	73.3	75.3	77.3	78.7	79.3	79.3	79.3	79.3	80.0
AI 1800	55.3	70.0	72.0	74.0	76.0	78.0	79.3	80.0	80.0	80.0	80.0	80.7
AI 1500	56.0	72.7	75.3	77.3	79.3	81.3	82.7	83.3	83.3	83.3	83.3	84.0
AI 1200	56.0	73.3	76.0	78.0	80.7	82.7	84.0	84.7	84.7	84.7	84.7	85.3
AI 1000	56.0	73.3	76.0	79.3	83.3	85.3	86.7	87.3	87.3	87.3	87.3	88.0
AI 900	56.0	73.3	76.0	79.3	83.3	85.3	86.7	87.3	87.3	87.3	87.3	88.0
AI 800	56.0	74.0	76.7	80.0	84.0	86.0	87.3	88.7	88.7	88.7	88.7	89.3
AI 700	56.0	74.0	76.7	80.7	85.3	87.3	89.3	90.7	90.7	90.7	90.7	91.3
AI 600	56.0	74.0	77.3	81.3	86.0	88.0	90.0	91.3	91.3	91.3	91.3	92.0
AI 500	56.0	74.0	77.3	81.3	86.0	88.0	90.0	92.7	92.7	92.7	92.7	93.3
AI 400	56.0	74.0	77.3	81.3	86.0	88.0	90.0	92.7	93.3	94.0	94.0	94.7
AI 300	56.0	74.0	77.3	81.3	86.0	88.0	90.0	92.7	93.3	94.0	94.0	95.3
AI 200	56.0	74.0	77.3	81.3	86.0	88.0	90.0	92.7	93.3	94.0	94.0	96.7
AI 100	56.0	74.0	77.3	81.3	86.0	88.0	90.0	92.7	93.3	94.0	94.0	96.7
AI 0	56.0	74.0	77.3	81.3	86.0	88.0	90.0	92.7	93.3	94.0	94.0	96.7

TOTAL NUMBER OF OBSERVATIONS

150

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

73-77

YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

10
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	51.3	62.0	64.7	70.7	72.0	72.7	72.7	73.3	73.3	73.3	73.3	73.3	73.3
≥ 20000	53.3	65.3	68.0	74.0	75.3	76.0	76.0	76.7	76.7	76.7	76.7	76.7	76.7
≥ 18000	53.3	65.3	68.0	74.0	75.3	76.0	76.0	76.7	76.7	76.7	76.7	76.7	76.7
≥ 16000	53.3	65.3	68.0	74.0	75.3	76.0	76.0	76.7	76.7	76.7	76.7	76.7	76.7
≥ 14000	54.0	66.7	69.3	75.3	76.7	77.3	77.3	78.0	78.0	78.0	78.0	78.0	78.0
≥ 12000	54.0	66.7	69.3	75.3	76.7	77.3	77.3	78.0	78.0	78.0	78.0	78.0	78.0
≥ 10000	54.7	67.3	70.7	76.7	78.0	78.7	78.7	79.3	79.3	79.3	79.3	79.3	79.3
≥ 9000	54.7	67.3	70.7	76.7	78.0	78.7	78.7	79.3	79.3	79.3	79.3	79.3	79.3
8000	54.7	67.3	70.7	76.7	78.0	78.7	78.7	79.3	79.3	79.3	79.3	79.3	79.3
7000	54.7	67.3	70.7	76.7	78.0	78.7	78.7	79.3	79.3	79.3	79.3	79.3	79.3
6000	54.7	67.3	70.7	76.7	78.0	78.7	78.7	79.3	79.3	79.3	79.3	79.3	79.3
5000	54.7	67.3	70.7	76.7	78.0	78.7	78.7	79.3	79.3	79.3	79.3	79.3	79.3
4500	54.7	67.3	70.7	76.7	78.0	78.7	78.7	79.3	79.3	79.3	79.3	79.3	79.3
4000	54.7	67.3	70.7	76.7	78.0	78.7	78.7	79.3	79.3	79.3	79.3	79.3	79.3
3500	55.3	69.3	72.7	78.7	80.0	80.7	80.7	81.3	82.0	82.0	82.0	82.0	82.0
3000	55.3	69.3	72.7	78.7	80.0	80.7	80.7	81.3	82.0	82.0	82.0	82.0	82.0
2500	56.0	70.7	74.0	80.0	81.3	82.0	82.0	83.3	83.3	83.3	83.3	83.3	83.3
2000	57.3	72.7	76.7	82.7	84.0	84.7	85.3	86.0	86.0	86.0	86.0	86.0	86.0
1800	58.7	74.7	78.7	84.7	86.0	86.7	87.3	88.0	88.0	88.0	88.0	88.0	88.0
1500	58.7	74.7	78.7	84.7	86.0	86.7	87.3	88.0	88.7	88.7	88.7	88.7	88.7
1200	60.0	76.7	81.3	88.7	90.7	91.3	92.0	92.7	92.7	92.7	92.7	92.7	92.7
1000	60.0	77.3	82.0	89.3	91.3	92.0	93.3	94.0	94.0	94.0	94.0	94.0	94.0
900	60.0	77.3	82.0	89.3	92.0	92.7	94.0	94.7	94.7	94.7	94.7	94.7	94.7
800	60.0	77.3	82.0	89.3	92.0	92.7	94.0	94.7	94.7	94.7	94.7	94.7	94.7
700	60.0	78.0	82.7	90.0	93.3	94.7	96.7	97.3	97.3	97.3	97.3	97.3	97.3
600	60.0	78.7	83.3	90.7	94.0	95.3	97.3	98.0	98.0	98.0	98.0	98.0	98.0
500	60.0	78.7	83.3	90.7	94.0	95.3	98.0	98.7	98.7	98.7	98.7	98.7	98.7
400	60.0	78.7	83.3	90.7	94.0	95.3	98.0	98.7	98.7	98.7	98.7	98.7	98.7
300	60.0	78.7	83.3	90.7	94.0	95.3	98.0	98.7	98.7	98.7	98.7	98.7	98.7
200	60.0	78.7	83.3	90.7	94.0	95.3	98.0	98.7	98.7	98.7	98.7	98.7	98.7
100	60.0	78.7	83.3	90.7	94.0	95.3	98.0	98.7	98.7	98.7	98.7	98.7	98.7
0	60.0	78.7	83.3	90.7	94.0	95.3	98.0	98.7	98.7	98.7	98.7	98.7	98.7

TOTAL NUMBER OF OBSERVATIONS

150

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

73-77

YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

13
HOURS (L S T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	51.3	63.3	69.3	74.0	74.7	74.7	74.7	74.7	74.7	76.0	76.0	76.0	76.0	76.0	76.0
≥ 20000	57.3	69.3	75.3	80.0	80.7	80.7	80.7	80.7	80.7	82.0	82.0	82.0	82.0	82.0	82.0
18000	58.0	70.0	76.0	80.7	81.3	81.3	81.3	81.3	81.3	82.7	82.7	82.7	82.7	82.7	82.7
16000	58.7	70.7	76.7	81.3	82.0	82.0	82.0	82.0	82.0	83.3	83.3	83.3	83.3	83.3	83.3
14000	58.7	71.3	77.3	82.0	82.7	82.7	82.7	82.7	82.7	84.0	84.0	84.0	84.0	84.0	84.0
12000	58.7	71.3	77.3	82.0	82.7	82.7	82.7	82.7	82.7	84.0	84.0	84.0	84.0	84.0	84.0
10000	61.3	74.0	80.0	84.7	85.3	85.3	85.3	85.3	85.3	86.7	86.7	86.7	86.7	86.7	86.7
9000	61.3	74.0	80.0	84.7	85.3	85.3	85.3	85.3	85.3	86.7	86.7	86.7	86.7	86.7	86.7
8000	61.3	74.0	80.0	84.7	85.3	85.3	85.3	85.3	85.3	86.7	86.7	86.7	86.7	86.7	86.7
7000	61.3	74.0	80.0	84.7	85.3	85.3	85.3	85.3	85.3	86.7	86.7	86.7	86.7	86.7	86.7
6000	61.3	74.0	80.0	84.7	85.3	85.3	85.3	85.3	85.3	86.7	86.7	86.7	86.7	86.7	86.7
5000	61.3	74.0	80.0	84.7	85.3	85.3	85.3	85.3	85.3	86.7	86.7	86.7	86.7	86.7	86.7
4500	61.3	74.0	80.0	84.7	85.3	85.3	85.3	85.3	85.3	86.7	86.7	86.7	86.7	86.7	86.7
4000	62.0	74.7	80.7	85.3	86.0	86.0	86.0	86.0	86.0	87.3	87.3	87.3	87.3	87.3	87.3
3500	62.7	76.0	82.0	86.7	87.3	87.3	87.3	87.3	87.3	88.7	88.7	88.7	88.7	88.7	88.7
3000	63.3	78.7	84.7	89.3	90.0	90.0	90.0	90.0	90.0	91.3	91.3	91.3	91.3	91.3	91.3
2500	65.3	80.7	86.7	92.0	92.7	92.7	92.7	92.7	92.7	94.0	94.0	94.0	94.0	94.0	94.0
2000	65.3	81.3	87.3	92.7	93.3	93.3	93.3	93.3	93.3	94.7	94.7	94.7	94.7	94.7	94.7
1800	65.3	81.3	87.3	92.7	93.3	93.3	93.3	93.3	93.3	94.7	94.7	94.7	94.7	94.7	94.7
1500	65.3	81.3	87.3	92.7	93.3	93.3	93.3	93.3	93.3	94.7	94.7	94.7	94.7	94.7	94.7
1200	65.3	81.3	87.3	94.7	95.3	95.3	95.3	95.3	95.3	96.7	96.7	96.7	96.7	96.7	96.7
1000	65.3	81.3	87.3	94.7	95.3	95.3	95.3	95.3	95.3	96.7	96.7	96.7	96.7	96.7	96.7
900	65.3	81.3	87.3	94.7	95.3	95.3	95.3	95.3	95.3	96.7	96.7	96.7	96.7	96.7	96.7
800	65.3	82.0	88.0	95.3	96.0	96.0	96.0	96.0	96.0	98.0	98.0	98.0	98.0	98.0	98.0
700	65.3	82.0	88.0	95.3	96.0	96.0	96.0	96.0	96.0	98.0	98.0	98.0	98.0	98.0	98.0
600	65.3	82.0	88.0	95.3	96.0	96.0	96.0	96.0	96.0	98.0	98.0	98.0	98.0	98.0	98.0
500	65.3	82.0	88.0	95.3	96.0	96.0	96.0	96.0	96.0	98.0	98.0	98.0	98.0	98.0	98.0
400	65.3	82.0	88.0	95.3	96.0	96.0	96.0	96.0	96.0	98.0	98.0	98.0	98.0	98.0	98.0
300	65.3	82.0	88.0	95.3	96.0	96.0	96.0	96.0	96.0	98.0	98.0	98.0	98.0	98.0	98.0
200	65.3	82.0	88.0	95.3	96.0	96.0	96.0	96.0	96.0	98.0	98.0	98.0	98.0	98.0	98.0
100	65.3	82.0	88.0	95.3	96.0	96.0	96.0	96.0	96.0	98.0	98.0	98.0	98.0	98.0	98.0
0	65.3	82.0	88.0	95.3	96.0	96.0	96.0	96.0	96.0	98.0	98.0	98.0	98.0	98.0	98.0

130

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

72-77

YEARS

NOV
MONTH

15
HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ ½
NO CEILING	52.7	67.3	70.7	74.0	76.7	77.3	78.0	78.7	79.3	80.0	80.0
≥ 20000	57.3	74.0	78.0	81.3	84.0	84.7	85.3	86.0	86.7	87.3	87.3
≥ 18000	58.0	74.7	78.7	82.0	84.7	85.3	86.0	86.7	87.3	88.0	88.0
≥ 16000	58.0	74.7	78.7	82.0	84.7	85.3	86.0	86.7	87.3	88.0	88.0
≥ 14000	58.7	75.3	79.3	82.7	85.3	86.0	86.7	87.3	88.0	88.7	88.7
≥ 12000	59.3	76.0	80.0	83.3	86.0	86.7	87.3	88.0	88.7	89.3	89.3
≥ 10000	59.3	76.0	80.0	83.3	86.0	86.7	87.3	88.0	88.7	89.3	89.3
≥ 8000	59.3	76.0	80.0	83.3	86.0	86.7	87.3	88.0	88.7	89.3	89.3
≥ 6000	59.3	76.0	80.0	83.3	86.0	86.7	87.3	88.0	88.7	89.3	89.3
≥ 5000	59.3	76.0	80.0	83.3	86.0	86.7	87.3	88.0	88.7	89.3	89.3
≥ 4500	59.3	76.0	80.0	83.3	86.0	86.7	87.3	88.0	88.7	89.3	89.3
≥ 4000	59.3	76.0	80.0	83.3	86.0	86.7	87.3	88.0	88.7	89.3	89.3
≥ 3500	59.3	77.3	81.3	84.7	87.3	88.0	88.7	89.3	90.0	90.7	90.7
≥ 3000	60.7	79.3	83.3	86.7	89.3	90.0	90.7	91.3	92.0	92.7	92.7
≥ 2500	61.3	80.0	84.0	87.3	90.0	90.7	91.3	92.0	92.7	93.3	93.3
≥ 2000	62.7	81.3	85.3	88.7	91.3	92.0	92.7	93.3	94.0	94.7	94.7
≥ 1800	62.7	81.3	85.3	88.7	91.3	92.0	92.7	93.3	94.0	94.7	94.7
≥ 1500	62.7	83.3	87.3	90.7	93.3	94.0	94.7	95.3	96.0	96.7	96.7
≥ 1200	62.7	84.0	88.0	91.3	94.7	95.3	96.0	96.7	97.3	98.0	98.0
≥ 1000	62.7	84.0	88.0	91.3	94.7	95.3	96.0	96.7	97.3	98.0	98.0
≥ 900	62.7	84.0	88.0	91.3	94.7	95.3	96.0	96.7	97.3	98.0	98.0
≥ 800	62.7	84.0	88.0	91.3	94.7	95.3	96.0	96.7	97.3	98.0	98.0
≥ 700	62.7	84.7	88.7	92.7	96.0	96.7	97.3	98.0	98.7	99.3	99.3
≥ 600	62.7	84.7	88.7	92.7	96.0	96.7	97.3	98.0	98.7	99.3	99.3
≥ 500	62.7	84.7	88.7	92.7	96.0	96.7	97.3	98.0	98.7	99.3	99.3
≥ 400	62.7	84.7	88.7	92.7	96.0	96.7	97.3	98.0	98.7	99.3	99.3
≥ 300	62.7	84.7	88.7	92.7	96.0	96.7	97.3	98.0	98.7	99.3	99.3
≥ 200	62.7	84.7	88.7	92.7	96.0	96.7	97.3	98.0	98.7	99.3	99.3
≥ 100	62.7	84.7	88.7	92.7	96.0	96.7	97.3	98.0	98.7	99.3	99.3
0	62.7	84.7	88.7	92.7	96.0	96.7	97.3	98.0	98.7	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS

150

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93112

SAN DIEGO, CALIFORNIA

73-77

NOV

STATION NAME

YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

19

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	42.7	64.7	67.3	68.7	69.3	69.3	70.0	70.0	70.0	70.0	70.7	71.3	71.3	71.3	71.3
≥ 20000	46.0	68.0	70.7	72.0	73.3	73.3	74.7	74.7	74.7	74.7	75.3	75.3	76.0	76.0	76.0
≥ 18000	46.0	68.0	70.7	72.0	73.3	73.3	74.7	74.7	74.7	74.7	75.3	75.3	76.0	76.0	76.0
≥ 16000	46.0	68.0	70.7	72.0	73.3	73.3	74.7	74.7	74.7	74.7	75.3	75.3	76.0	76.0	76.0
≥ 14000	46.0	68.0	70.7	72.0	73.3	73.3	74.7	74.7	74.7	74.7	75.3	75.3	76.0	76.0	76.0
≥ 12000	46.7	68.7	71.3	72.7	74.0	74.0	75.3	75.3	75.3	75.3	76.0	76.0	76.7	76.7	76.7
≥ 10000	47.3	69.3	72.0	73.3	74.7	74.7	76.0	76.0	76.0	76.0	76.7	77.3	77.3	77.3	77.3
≥ 9000	48.0	70.0	72.7	74.0	75.3	75.3	76.7	76.7	76.7	76.7	77.3	78.0	78.0	78.0	78.0
≥ 8000	48.0	70.0	72.7	74.0	75.3	75.3	76.7	76.7	76.7	76.7	77.3	78.0	78.0	78.0	78.0
≥ 7000	48.0	70.0	72.7	74.0	75.3	75.3	76.7	76.7	76.7	76.7	77.3	78.0	78.0	78.0	78.0
≥ 6000	48.0	70.0	72.7	74.0	75.3	75.3	76.7	76.7	76.7	76.7	77.3	78.0	78.0	78.0	78.0
≥ 5000	48.0	70.0	72.7	74.0	75.3	75.3	76.7	76.7	76.7	76.7	77.3	78.0	78.0	78.0	78.0
≥ 4500	48.0	70.0	72.7	74.0	75.3	75.3	76.7	76.7	76.7	76.7	77.3	78.0	78.0	78.0	78.0
≥ 4000	48.0	70.0	72.7	74.0	75.3	75.3	76.7	76.7	76.7	76.7	77.3	78.0	78.0	78.0	78.0
≥ 3500	48.0	71.3	74.7	76.0	77.3	77.3	78.7	78.7	78.7	78.7	79.3	80.0	80.0	80.0	80.0
≥ 3000	49.3	72.7	76.0	77.3	78.7	78.7	80.0	80.0	80.0	80.0	80.7	81.3	81.3	81.3	81.3
≥ 2500	49.3	73.3	76.7	78.0	79.3	79.3	80.7	80.7	80.7	80.7	81.3	82.0	82.0	82.0	82.0
≥ 2000	50.7	77.3	80.7	82.0	83.3	83.3	84.7	84.7	84.7	84.7	85.3	86.0	86.0	86.0	86.0
≥ 1800	50.7	78.0	81.3	82.7	84.0	84.0	85.3	85.3	85.3	85.3	86.0	86.7	86.7	86.7	86.7
≥ 1500	51.3	80.7	84.0	86.0	87.3	87.3	88.7	88.7	88.7	88.7	89.3	90.0	90.0	90.0	90.0
≥ 1200	52.0	81.3	85.3	87.3	88.7	88.7	90.0	90.0	90.0	90.0	90.7	91.3	91.3	91.3	91.3
≥ 1000	52.7	83.3	87.3	89.3	90.7	90.7	92.0	92.0	92.0	92.0	92.7	93.3	93.3	93.3	93.3
≥ 900	52.7	84.7	88.7	91.3	92.7	92.7	94.0	94.0	94.0	94.0	94.7	95.3	95.3	95.3	95.3
≥ 800	52.7	84.7	89.3	92.0	93.3	93.3	94.7	94.7	94.7	94.7	95.3	96.0	96.0	96.0	96.0
≥ 700	52.7	86.0	91.3	94.0	95.3	95.3	96.7	96.7	96.7	96.7	97.3	98.0	98.0	98.0	98.0
≥ 600	52.7	86.7	92.0	94.7	96.0	96.0	97.3	97.3	97.3	97.3	98.0	98.7	98.7	98.7	98.7
≥ 500	52.7	86.7	92.0	94.7	96.0	96.0	97.3	97.3	97.3	97.3	98.0	98.7	98.7	98.7	98.7
≥ 400	52.7	86.7	92.0	95.3	96.7	96.7	98.0	98.0	98.0	98.0	99.3	100.0	100.0	100.0	100.0
≥ 300	52.7	86.7	92.0	95.3	96.7	96.7	98.0	98.0	98.0	98.0	99.3	100.0	100.0	100.0	100.0
≥ 200	52.7	86.7	92.0	95.3	96.7	96.7	98.0	98.0	98.0	98.0	99.3	100.0	100.0	100.0	100.0
≥ 100	52.7	86.7	92.0	95.3	96.7	96.7	98.0	98.0	98.0	98.0	99.3	100.0	100.0	100.0	100.0
0	52.7	86.7	92.0	95.3	96.7	96.7	98.0	98.0	98.0	98.0	99.3	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

150

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

73-77

YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

22
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	35.3	57.3	60.0	62.7	63.3	63.3	64.0	64.7	64.7	64.7	64.7	64.7	65.3	65.3	66.7
≥ 20000	36.7	58.7	61.3	64.0	64.7	64.7	65.3	66.0	66.0	66.0	66.0	66.0	66.7	66.7	68.0
≥ 18000	36.7	58.7	61.3	64.0	64.7	64.7	65.3	66.0	66.0	66.0	66.0	66.0	66.7	66.7	68.0
≥ 16000	36.7	58.7	61.3	64.0	64.7	64.7	65.3	66.0	66.0	66.0	66.0	66.0	66.7	66.7	68.0
≥ 14000	36.7	58.7	61.3	64.0	64.7	64.7	65.3	66.0	66.0	66.0	66.0	66.0	66.7	66.7	68.0
≥ 12000	37.3	59.3	62.0	64.7	65.3	65.3	66.0	66.7	66.7	66.7	66.7	66.7	67.3	67.3	68.7
≥ 10000	38.0	60.0	62.7	65.3	66.0	66.0	66.7	67.3	67.3	67.3	67.3	67.3	68.0	68.0	69.3
≥ 9000	38.0	60.0	62.7	65.3	66.0	66.0	66.7	67.3	67.3	67.3	67.3	67.3	68.0	68.0	69.3
≥ 8000	38.0	60.0	62.7	65.3	66.0	66.0	66.7	67.3	67.3	67.3	67.3	67.3	68.0	68.0	69.3
≥ 7000	38.0	60.0	62.7	65.3	66.0	66.0	66.7	67.3	67.3	67.3	67.3	67.3	68.0	68.0	69.3
≥ 6000	38.0	60.0	62.7	65.3	66.0	66.0	66.7	67.3	67.3	67.3	67.3	67.3	68.0	68.0	69.3
≥ 5000	38.0	60.0	62.7	65.3	66.0	66.0	66.7	67.3	67.3	67.3	67.3	67.3	68.0	68.0	69.3
≥ 4500	38.0	60.0	62.7	65.3	66.0	66.0	66.7	67.3	67.3	67.3	67.3	67.3	68.0	68.0	69.3
≥ 4000	38.7	62.0	64.7	67.3	68.0	68.0	68.7	69.3	69.3	69.3	69.3	69.3	70.0	70.0	71.3
≥ 3500	38.7	62.0	64.7	67.3	68.0	68.0	68.7	69.3	69.3	69.3	69.3	69.3	70.0	70.0	71.3
≥ 3000	38.7	62.7	65.3	68.7	69.3	69.3	70.0	70.7	70.7	70.7	70.7	70.7	71.3	71.3	72.7
≥ 2500	40.0	64.7	67.3	70.7	71.3	71.3	72.0	72.7	72.7	72.7	72.7	72.7	73.3	73.3	74.7
≥ 2000	41.3	66.7	70.0	74.0	74.7	74.7	75.3	76.0	76.0	76.0	76.0	76.0	76.7	76.7	78.0
≥ 1800	41.3	67.3	70.7	74.7	75.3	75.3	76.0	76.7	76.7	76.7	76.7	76.7	77.3	77.3	78.7
≥ 1500	42.0	72.0	75.3	79.3	80.0	80.0	80.7	81.3	81.3	81.3	81.3	81.3	82.0	82.0	83.3
≥ 1200	42.7	74.0	78.0	82.0	83.3	83.3	84.0	84.7	84.7	84.7	84.7	84.7	85.3	85.3	86.7
≥ 1000	42.7	75.3	79.3	84.0	85.3	85.3	86.0	87.3	87.3	87.3	87.3	87.3	88.0	88.0	89.3
≥ 900	42.7	75.3	79.3	84.7	86.0	86.0	86.7	88.0	88.0	88.0	88.0	88.0	88.7	88.7	90.0
≥ 800	42.7	76.7	80.7	86.0	87.3	87.3	88.0	89.3	89.3	89.3	89.3	89.3	90.0	90.0	91.3
≥ 700	42.7	78.0	82.7	88.0	89.3	89.3	90.0	91.3	91.3	91.3	91.3	91.3	92.0	92.0	93.3
≥ 600	42.7	78.0	82.7	90.0	92.0	92.0	93.3	94.7	94.7	94.7	94.7	94.7	95.3	95.3	96.7
≥ 500	42.7	78.0	82.7	90.0	92.0	92.0	93.3	94.7	94.7	94.7	94.7	94.7	95.3	95.3	96.7
≥ 400	42.7	78.0	82.7	90.7	92.7	92.7	94.0	95.3	95.3	95.3	95.3	95.3	96.0	96.0	97.3
≥ 300	42.7	78.0	82.7	90.7	92.7	92.7	94.7	96.0	96.0	96.0	96.0	96.0	96.7	96.7	98.0
≥ 200	42.7	78.0	82.7	90.7	92.7	92.7	94.7	96.0	96.0	96.0	96.0	96.0	97.3	97.3	98.7
≥ 100	42.7	78.0	82.7	90.7	92.7	92.7	94.7	96.0	96.0	96.0	96.0	96.0	97.3	97.3	98.7
0	42.7	78.0	82.7	90.7	92.7	92.7	94.7	96.0	96.0	96.0	96.0	96.0	97.3	97.3	100.0

TOTAL NUMBER OF OBSERVATIONS

150

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

73-77

YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	44.2	61.3	64.2	67.3	68.4	69.0	69.5	69.8	70.1	70.3	70.3	70.6	70.6
≥ 20000	46.5	64.3	67.3	70.5	71.8	72.3	72.9	73.3	73.5	73.7	73.7	74.0	74.0
≥ 18000	46.7	64.5	67.5	70.7	71.9	72.5	73.1	73.4	73.7	73.8	73.8	74.2	74.2
≥ 16000	46.8	64.6	67.6	70.8	72.0	72.6	73.2	73.5	73.8	73.9	73.9	74.3	74.3
≥ 14000	46.9	65.0	68.0	71.2	72.4	73.0	73.6	73.9	74.2	74.3	74.3	74.7	74.7
≥ 12000	47.3	65.4	68.4	71.6	72.8	73.4	74.0	74.3	74.6	74.8	74.8	75.1	75.1
≥ 10000	47.9	66.0	69.1	72.3	73.5	74.1	74.7	75.0	75.3	75.4	75.4	75.8	75.8
≥ 9000	48.1	66.2	69.3	72.4	73.7	74.3	74.8	75.2	75.4	75.6	75.6	75.9	75.9
≥ 8000	48.1	66.2	69.3	72.4	73.7	74.3	74.8	75.2	75.4	75.6	75.6	75.9	75.9
≥ 7000	48.1	66.2	69.3	72.4	73.7	74.3	74.8	75.2	75.4	75.6	75.6	75.9	75.9
≥ 6000	48.2	66.3	69.3	72.5	73.8	74.3	75.0	75.3	75.5	75.7	75.7	76.0	76.0
≥ 5000	48.3	66.4	69.5	72.7	73.9	74.5	75.2	75.5	75.8	75.9	75.9	76.3	76.3
≥ 4500	48.3	66.6	69.7	72.8	74.1	74.7	75.3	75.7	75.9	76.1	76.1	76.4	76.4
≥ 4000	48.8	67.3	70.4	73.6	74.8	75.4	76.1	76.4	76.7	76.8	76.8	77.2	77.2
≥ 3500	48.9	68.2	71.3	74.5	75.8	76.4	77.0	77.3	77.6	77.8	77.8	78.1	78.1
≥ 3000	49.7	69.5	72.7	75.9	77.2	77.8	78.4	78.8	79.0	79.2	79.2	79.5	79.5
≥ 2500	50.6	71.3	74.6	77.9	79.2	79.8	80.4	80.8	81.0	81.2	81.2	81.5	81.5
≥ 2000	51.3	73.1	76.5	80.1	81.3	81.9	82.6	82.9	83.2	83.3	83.3	83.7	83.7
≥ 1800	51.3	73.3	76.8	80.4	81.7	82.3	82.9	83.3	83.5	83.7	83.7	84.0	84.0
≥ 1500	51.9	76.3	79.9	83.8	85.2	85.8	86.4	86.8	87.0	87.2	87.2	87.5	87.5
≥ 1200	52.3	77.4	81.2	85.4	87.0	87.7	88.5	88.9	89.2	89.3	89.3	89.7	89.7
≥ 1000	52.3	78.3	82.0	86.9	88.8	89.5	90.4	90.9	91.2	91.3	91.3	91.7	91.7
≥ 900	52.3	78.4	82.2	87.3	89.2	89.8	90.8	91.3	91.6	91.8	91.8	92.1	92.1
≥ 800	52.3	79.0	82.8	88.0	89.9	90.7	91.9	92.5	92.8	93.0	93.0	93.3	93.3
≥ 700	52.3	79.5	83.5	88.8	90.9	91.8	93.2	93.8	94.1	94.3	94.3	94.6	94.6
≥ 600	52.3	79.7	83.8	89.3	91.6	92.5	94.1	94.8	95.1	95.3	95.3	95.6	95.6
≥ 500	52.3	79.7	83.8	89.4	91.7	92.8	94.4	95.3	95.6	95.8	95.8	96.1	96.1
≥ 400	52.3	79.7	83.8	89.6	91.8	92.9	94.8	95.6	95.7	96.1	96.3	96.6	96.6
≥ 300	52.3	79.7	83.8	89.7	92.0	93.2	95.2	96.1	96.2	96.6	96.8	97.3	97.3
≥ 200	52.3	79.7	83.8	89.7	92.0	93.2	95.2	96.3	96.3	96.8	97.1	97.6	97.6
≥ 100	52.3	79.7	83.8	89.7	92.0	93.2	95.2	96.3	96.3	96.8	97.1	97.7	97.7
≥ 0	52.3	79.7	83.8	89.7	92.0	93.2	95.2	96.3	96.3	96.8	97.1	97.7	97.7

TOTAL NUMBER OF OBSERVATIONS 1200

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

STATION

SAN DIEGO, CALIFORNIA

73-77

STATION NAME

YEARS

DEC

MONTH

01

HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 0
NO CEILING	29.7	48.4	51.0	56.8	58.7	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 20000	31.0	49.7	52.3	58.1	60.0	60.7	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 18000	31.0	49.7	52.3	58.1	60.0	60.7	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 16000	31.0	49.7	52.3	58.1	60.0	60.7	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 14000	31.0	49.7	52.3	58.1	60.0	60.7	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 12000	31.0	49.7	52.3	58.1	60.0	60.7	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 10000	31.6	50.3	53.6	59.4	61.3	61.9	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 9000	31.6	50.3	53.6	59.4	61.3	61.9	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 8000	31.6	51.6	55.5	61.3	63.2	63.9	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 7000	31.6	51.6	55.5	61.3	63.2	63.9	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 6000	31.6	51.6	55.5	61.3	63.2	63.9	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 5000	32.3	52.9	56.8	62.6	64.5	65.2	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 4500	32.9	53.6	57.4	63.2	65.2	65.8	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 4000	32.9	54.2	58.1	63.9	65.8	66.5	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 3500	32.9	54.2	58.1	63.9	65.8	66.5	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 3000	33.6	55.5	59.4	65.2	67.1	67.7	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 2500	34.2	56.8	60.7	66.5	68.4	69.0	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 2000	34.8	60.0	63.9	69.7	71.6	72.3	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 1800	35.5	61.9	65.8	71.6	73.6	74.2	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 1500	36.8	65.2	69.7	75.5	78.1	78.7	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 1200	37.4	67.7	72.3	78.7	81.3	81.9	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 1000	38.1	69.7	74.2	80.7	83.2	83.8	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 900	38.1	70.3	74.8	81.3	83.9	84.5	85.2	85.8	85.8	85.8	85.8	85.8	85.8
≥ 800	38.1	70.3	74.8	81.3	84.5	85.2	85.8	86.5	86.5	86.5	86.5	86.5	86.5
≥ 700	38.1	70.3	74.8	81.3	84.5	85.2	85.8	86.5	86.5	86.5	86.5	86.5	86.5
≥ 600	38.1	71.6	76.1	83.2	85.8	86.5	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 500	38.7	72.3	76.8	83.9	87.1	87.7	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 400	38.7	72.3	76.8	83.9	87.1	87.7	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 300	38.7	72.3	76.8	83.9	87.1	87.7	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 200	38.7	72.3	76.8	83.9	87.1	87.7	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 100	38.7	72.3	76.8	83.9	87.1	87.7	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 0	38.7	72.3	76.8	83.9	87.1	87.7	88.4	88.4	88.4	88.4	88.4	88.4	88.4

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93112

SAN DIEGO, CALIFORNIA

73-77

DEC

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

04
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	32.3	56.8	58.7	63.2	65.8	65.8	65.8	66.5	67.1	67.1	67.1	67.1	68.4
≥ 20000	32.9	58.1	60.0	65.2	67.7	67.7	67.7	68.4	69.0	69.0	69.0	69.0	70.3
≥ 18000	32.9	58.1	60.0	65.2	67.7	67.7	67.7	68.4	69.0	69.0	69.0	69.0	70.3
≥ 16000	32.9	58.1	60.0	65.2	67.7	67.7	67.7	68.4	69.0	69.0	69.0	69.0	70.3
≥ 14000	32.9	58.1	60.0	65.2	67.7	67.7	67.7	68.4	69.0	69.0	69.0	69.0	70.3
≥ 12000	32.9	58.1	60.0	65.2	67.7	67.7	67.7	68.4	69.0	69.0	69.0	69.0	70.3
≥ 10000	32.9	58.1	60.0	65.2	67.7	67.7	67.7	68.4	69.0	69.0	69.0	69.0	70.3
≥ 8000	32.9	58.1	60.0	65.2	67.7	67.7	67.7	68.4	69.0	69.0	69.0	69.0	70.3
≥ 7000	32.9	58.1	60.0	65.2	67.7	67.7	67.7	68.4	69.0	69.0	69.0	69.0	70.3
≥ 6000	32.9	58.1	60.0	65.2	67.7	67.7	67.7	68.4	69.0	69.0	69.0	69.0	70.3
≥ 5000	32.9	58.1	60.0	65.2	67.7	67.7	67.7	68.4	69.0	69.0	69.0	69.0	70.3
≥ 4500	32.9	58.1	60.0	65.2	67.7	67.7	67.7	68.4	69.0	69.0	69.0	69.0	70.3
≥ 4000	32.9	58.1	60.0	65.2	67.7	67.7	67.7	68.4	69.0	69.0	69.0	69.0	70.3
≥ 3500	32.9	58.1	60.0	65.2	67.7	67.7	67.7	68.4	69.0	69.0	69.0	69.0	70.3
≥ 3000	32.9	58.1	60.0	65.2	67.7	67.7	67.7	68.4	69.0	69.0	69.0	69.0	70.3
≥ 2500	32.9	58.1	60.0	65.2	67.7	67.7	67.7	68.4	69.0	69.0	69.0	69.0	70.3
≥ 2000	32.9	58.1	60.0	65.2	67.7	67.7	67.7	68.4	69.0	69.0	69.0	69.0	70.3
≥ 1800	32.9	58.1	60.0	65.2	67.7	67.7	67.7	68.4	69.0	69.0	69.0	69.0	70.3
≥ 1500	32.9	58.1	60.0	65.2	67.7	67.7	67.7	68.4	69.0	69.0	69.0	69.0	70.3
≥ 1200	32.9	58.1	60.0	65.2	67.7	67.7	67.7	68.4	69.0	69.0	69.0	69.0	70.3
≥ 1000	32.9	58.1	60.0	65.2	67.7	67.7	67.7	68.4	69.0	69.0	69.0	69.0	70.3
≥ 900	32.9	58.1	60.0	65.2	67.7	67.7	67.7	68.4	69.0	69.0	69.0	69.0	70.3
≥ 800	32.9	58.1	60.0	65.2	67.7	67.7	67.7	68.4	69.0	69.0	69.0	69.0	70.3
≥ 700	32.9	58.1	60.0	65.2	67.7	67.7	67.7	68.4	69.0	69.0	69.0	69.0	70.3
≥ 600	32.9	58.1	60.0	65.2	67.7	67.7	67.7	68.4	69.0	69.0	69.0	69.0	70.3
≥ 500	32.9	58.1	60.0	65.2	67.7	67.7	67.7	68.4	69.0	69.0	69.0	69.0	70.3
≥ 400	32.9	58.1	60.0	65.2	67.7	67.7	67.7	68.4	69.0	69.0	69.0	69.0	70.3
≥ 300	32.9	58.1	60.0	65.2	67.7	67.7	67.7	68.4	69.0	69.0	69.0	69.0	70.3
≥ 200	32.9	58.1	60.0	65.2	67.7	67.7	67.7	68.4	69.0	69.0	69.0	69.0	70.3
≥ 100	32.9	58.1	60.0	65.2	67.7	67.7	67.7	68.4	69.0	69.0	69.0	69.0	70.3
≥ 0	32.9	58.1	60.0	65.2	67.7	67.7	67.7	68.4	69.0	69.0	69.0	69.0	70.3

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

73-77

YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

07
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	45.2	52.9	55.5	56.8	60.7	60.7	61.3	61.3	61.3	61.9	61.9	61.9	61.9	61.9
≥ 20000	47.1	56.8	60.0	61.3	65.8	65.8	66.5	66.5	66.5	67.1	67.1	67.1	67.7	67.7
≥ 18000	47.7	57.4	60.7	61.9	66.5	66.5	67.1	67.1	67.1	67.7	67.7	67.7	68.4	68.4
≥ 16000	47.7	57.4	60.7	61.9	66.5	66.5	67.1	67.1	67.1	67.7	67.7	67.7	68.4	68.4
≥ 14000	47.7	57.4	60.7	61.9	66.5	66.5	67.1	67.1	67.1	67.7	67.7	67.7	68.4	68.4
≥ 12000	48.4	58.7	61.9	63.2	67.7	67.7	68.4	68.4	68.4	69.0	69.0	69.0	69.7	69.7
≥ 10000	48.4	58.7	61.9	63.2	67.7	67.7	68.4	68.4	68.4	69.0	69.0	69.0	69.7	69.7
≥ 9000	48.4	58.7	61.9	63.2	67.7	67.7	68.4	68.4	68.4	69.0	69.0	69.0	69.7	69.7
≥ 8000	49.0	60.0	63.2	64.5	69.0	69.0	70.3	70.3	70.3	71.0	71.0	71.0	71.6	71.6
≥ 7000	49.0	60.0	63.2	64.5	69.0	69.0	70.3	70.3	70.3	71.0	71.0	71.0	71.6	71.6
≥ 6000	49.0	60.0	63.2	64.5	69.0	69.0	70.3	70.3	70.3	71.0	71.0	71.0	71.6	71.6
≥ 5000	49.0	60.7	63.9	65.2	69.7	69.7	71.0	71.0	71.0	71.6	71.6	71.6	72.3	72.3
≥ 4500	49.0	60.7	63.9	65.2	69.7	69.7	71.0	71.0	71.0	71.6	71.6	71.6	72.3	72.3
≥ 4000	49.0	61.3	64.5	65.8	70.3	70.3	71.6	71.6	71.6	72.3	72.3	72.3	72.9	72.9
≥ 3500	50.3	62.6	65.8	67.1	71.6	71.6	72.9	72.9	72.9	73.6	73.6	73.6	74.2	74.2
≥ 3000	50.3	62.6	65.8	67.1	71.6	71.6	72.9	72.9	72.9	73.6	73.6	73.6	74.2	74.2
≥ 2500	52.3	65.8	69.0	71.0	75.5	75.5	76.8	76.8	76.8	77.4	77.4	77.4	78.1	78.1
≥ 2000	52.9	67.1	70.3	72.3	77.4	77.4	78.7	78.7	78.7	79.4	79.4	79.4	80.0	80.0
≥ 1800	52.9	67.1	71.0	72.9	78.1	78.1	79.4	79.4	79.4	80.0	80.0	80.0	80.7	80.7
≥ 1500	52.9	70.3	74.8	76.8	81.9	82.6	84.5	84.5	84.5	85.8	85.8	85.8	86.5	86.5
≥ 1200	53.6	72.9	77.4	79.4	84.5	85.8	87.7	87.7	87.7	89.0	89.0	89.0	89.7	89.7
≥ 1000	53.6	72.9	77.4	80.0	85.2	87.1	89.0	89.0	89.0	90.3	90.3	90.3	91.0	91.0
≥ 900	53.6	72.9	78.1	80.7	85.8	87.7	89.7	89.7	89.7	91.0	91.0	91.0	91.6	91.6
≥ 800	53.6	72.9	78.1	81.9	87.1	89.0	91.0	91.0	91.0	92.9	92.9	92.9	93.6	93.6
≥ 700	53.6	72.9	78.1	81.9	87.1	89.0	91.0	91.0	91.0	92.9	92.9	92.9	93.6	93.6
≥ 600	53.6	72.9	78.1	81.9	87.1	89.0	91.0	91.0	91.0	92.9	92.9	92.9	93.6	93.6
≥ 500	53.6	72.9	78.1	81.9	87.1	89.0	91.6	91.6	91.6	93.6	93.6	93.6	94.2	94.2
≥ 400	53.6	72.9	78.7	82.6	87.7	89.7	92.3	92.3	92.3	94.8	94.8	94.8	95.5	95.5
≥ 300	53.6	72.9	78.7	82.6	87.7	89.7	92.3	92.3	92.3	95.5	95.5	95.5	96.1	96.1
≥ 200	53.6	72.9	78.7	82.6	87.7	89.7	92.3	92.3	92.3	95.5	95.5	95.5	96.8	96.8
≥ 100	53.6	72.9	78.7	82.6	87.7	89.7	92.3	92.3	92.3	95.5	95.5	95.5	97.4	97.4
0	53.6	72.9	78.7	82.6	87.7	89.7	92.3	92.3	92.3	95.5	95.5	95.5	97.4	97.4

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93112 STATION

SAN DIEGO, CALIFORNIA

73-77

STATION NAME

YEARS

DEC

MONTH

10

HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ ½
NO CEILING	48.4	55.5	60.0	63.2	65.8	65.8	66.5	66.5	67.1	67.7	67.7
≥ 20000	51.0	58.7	63.2	67.7	70.3	71.0	71.6	71.6	72.3	72.9	72.9
≥ 18000	51.0	58.7	63.2	67.7	70.3	71.0	71.6	71.6	72.3	72.9	72.9
≥ 16000	51.0	58.7	63.2	67.7	70.3	71.0	71.6	71.6	72.3	72.9	72.9
≥ 14000	51.6	59.4	63.9	68.4	71.0	71.6	72.3	72.3	73.6	73.6	73.6
≥ 12000	53.6	61.9	66.5	71.0	73.6	74.2	74.8	75.5	76.1	76.1	76.1
≥ 10000	53.6	62.6	67.1	71.6	74.2	74.8	75.5	75.5	76.1	76.8	76.8
≥ 9000	53.6	62.6	67.1	71.6	74.2	74.8	75.5	75.5	76.1	76.8	76.8
≥ 8000	53.6	62.6	67.1	72.3	74.8	75.5	76.1	76.1	77.4	77.4	77.4
≥ 7000	53.6	63.2	67.7	72.9	75.5	76.1	76.8	77.4	78.1	78.1	78.1
≥ 6000	54.8	64.5	69.0	74.2	76.8	77.4	78.1	78.7	79.4	79.4	79.4
≥ 5000	54.8	65.2	69.7	74.8	77.4	78.1	78.7	79.4	80.0	80.0	80.0
≥ 4500	54.8	65.2	69.7	74.8	77.4	78.1	78.7	79.4	80.0	80.0	80.0
≥ 4000	54.8	65.2	69.7	74.8	77.4	78.1	78.7	79.4	80.0	80.0	80.0
≥ 3500	54.8	65.8	70.3	75.5	78.1	78.7	79.4	80.0	80.7	80.7	80.7
≥ 3000	55.5	66.5	71.0	76.1	78.7	79.4	80.0	80.7	81.3	81.3	81.3
≥ 2500	58.1	70.3	74.8	80.7	83.2	83.9	85.2	85.8	86.5	86.5	86.5
≥ 2000	58.1	72.3	76.8	83.2	86.5	87.1	88.4	89.0	89.7	89.7	89.7
≥ 1800	58.1	73.6	78.7	85.2	88.4	89.0	90.3	91.0	91.6	91.6	91.6
≥ 1500	58.1	75.5	80.7	87.1	91.0	91.6	92.9	93.6	94.2	94.2	94.2
≥ 1200	58.1	75.5	80.7	87.1	91.0	91.6	92.9	93.6	94.2	94.2	94.2
≥ 1000	58.1	75.5	80.7	87.1	91.0	91.6	93.6	94.2	94.8	94.8	94.8
≥ 900	58.1	75.5	80.7	87.1	91.0	91.6	94.2	94.8	95.5	95.5	95.5
≥ 800	58.1	76.1	81.3	87.7	92.3	92.9	95.5	96.1	96.8	96.8	96.8
≥ 700	58.1	76.1	81.9	88.4	92.9	93.6	96.1	96.8	97.4	97.4	97.4
≥ 600	58.1	76.1	81.9	88.4	92.9	93.6	96.1	96.8	97.4	97.4	97.4
≥ 500	58.1	76.8	82.6	89.7	94.2	94.8	97.4	98.1	98.7	98.7	98.7
≥ 400	58.1	76.8	82.6	89.7	94.2	95.5	98.1	98.7	99.4	99.4	99.4
≥ 300	58.1	76.8	82.6	89.7	94.2	95.5	98.1	98.7	100.0	100.0	100.0
≥ 200	58.1	76.8	82.6	89.7	94.2	95.5	98.1	98.7	100.0	100.0	100.0
≥ 100	58.1	76.8	82.6	89.7	94.2	95.5	98.1	98.7	100.0	100.0	100.0
0	58.1	76.8	82.6	89.7	94.2	95.5	98.1	98.7	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

WIND WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

SAN DIEGO, CALIFORNIA

73-77

DEC

STATION NAME

YEARS

MONTH

13

HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	46.5	60.0	65.8	69.0	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 30000	49.7	65.8	71.6	74.8	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
18000	50.3	66.5	72.3	75.5	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
16000	51.0	67.1	72.9	76.1	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
14000	51.0	67.7	73.6	76.8	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
12000	54.2	71.0	76.8	80.0	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
10000	54.2	71.0	76.8	80.0	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
8000	54.8	71.6	77.4	81.3	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
7000	54.8	72.3	78.1	81.9	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
6000	54.8	72.9	78.7	82.6	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
5000	54.8	72.9	78.7	82.6	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
4500	54.8	72.9	78.7	82.6	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
4000	54.8	72.9	78.7	82.6	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
3500	54.8	72.9	78.7	82.6	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
3000	55.5	74.2	80.7	85.2	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
2500	56.8	77.4	83.9	88.4	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
2000	56.8	78.1	85.8	90.3	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
1800	57.4	78.7	86.5	91.0	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
1500	58.1	80.0	87.7	92.3	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
1200	58.1	80.7	88.4	92.9	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
1000	58.7	81.3	89.0	93.6	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
900	59.4	81.9	89.7	94.2	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
800	59.4	82.6	90.3	94.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
700	59.4	82.6	90.3	94.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
600	59.4	82.6	90.3	94.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
500	59.4	82.6	90.3	95.5	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
400	59.4	82.6	90.3	95.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
300	59.4	82.6	90.3	95.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
200	59.4	82.6	90.3	95.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
100	59.4	82.6	90.3	95.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
0	59.4	82.6	90.3	95.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7

155

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

73-77

YEARS

DEC
MONTH

16
HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	42.6	58.1	62.6	65.2	67.1	68.4	68.4	68.4	68.4	68.4	69.0	69.0	69.0	69.0
≥ 20000	47.1	64.5	70.3	72.9	74.8	76.8	76.8	76.8	76.8	76.8	77.4	77.4	77.4	77.4
18000	47.1	64.5	70.3	72.9	74.8	76.8	76.8	76.8	76.8	76.8	77.4	77.4	77.4	77.4
16000	47.7	65.2	71.0	73.6	75.5	77.4	77.4	77.4	77.4	77.4	78.1	78.1	78.1	78.1
14000	48.4	65.8	71.6	74.2	76.1	78.1	78.1	78.1	78.1	78.1	78.7	78.7	78.7	78.7
12000	50.3	67.7	73.6	76.1	78.1	80.0	80.0	80.0	80.0	80.0	80.7	80.7	80.7	80.7
10000	51.0	68.4	74.2	76.8	78.7	80.7	80.7	80.7	80.7	80.7	81.3	81.3	81.3	81.3
9000	51.0	68.4	74.2	76.8	78.7	80.7	80.7	80.7	80.7	80.7	81.3	81.3	81.3	81.3
8000	52.9	71.0	76.8	79.4	81.3	83.2	83.2	83.2	83.2	83.2	83.9	83.9	83.9	83.9
7000	52.9	71.0	76.8	79.4	81.3	83.2	83.2	83.2	83.2	83.2	83.9	83.9	83.9	83.9
6000	52.9	71.0	76.8	79.4	81.3	83.2	83.2	83.2	83.2	83.2	83.9	83.9	83.9	83.9
5000	53.6	71.6	77.4	80.0	81.9	83.9	83.9	83.9	83.9	83.9	84.5	84.5	84.5	84.5
4500	53.6	71.6	77.4	80.0	81.9	83.9	83.9	83.9	83.9	83.9	84.5	84.5	84.5	84.5
4000	53.6	71.6	77.4	80.0	81.9	83.9	83.9	83.9	83.9	83.9	84.5	84.5	84.5	84.5
3500	53.6	71.6	77.4	80.0	81.9	83.9	83.9	83.9	83.9	83.9	84.5	84.5	84.5	84.5
3000	53.6	71.6	78.1	80.7	82.6	84.5	84.5	84.5	84.5	84.5	85.2	85.2	85.2	85.2
2500	54.2	74.2	81.3	83.9	85.8	87.7	87.7	87.7	87.7	87.7	88.4	88.4	88.4	88.4
2000	56.1	76.1	83.2	85.8	88.4	90.3	90.3	90.3	90.3	90.3	91.0	91.0	91.0	91.0
1800	56.8	76.8	83.9	86.5	89.0	91.0	91.0	91.0	91.0	91.0	91.6	91.6	91.6	91.6
1500	56.8	78.1	85.2	87.7	90.3	92.3	92.3	92.3	92.3	92.3	92.9	92.9	92.9	92.9
1200	57.4	79.4	87.7	90.3	92.9	94.8	94.8	94.8	94.8	94.8	95.5	95.5	95.5	95.5
1000	57.4	79.4	87.7	90.3	92.9	95.5	95.5	95.5	95.5	95.5	96.1	96.1	96.1	96.1
900	57.4	79.4	87.7	90.3	92.9	95.5	95.5	95.5	95.5	95.5	96.1	96.1	96.1	96.1
800	58.1	80.7	89.0	91.6	94.2	96.8	96.8	96.8	96.8	96.8	97.4	97.4	97.4	97.4
700	58.1	80.7	89.0	91.6	94.2	96.8	96.8	96.8	96.8	96.8	97.4	97.4	97.4	97.4
600	58.1	80.7	89.0	91.6	94.2	96.8	96.8	96.8	96.8	96.8	97.4	97.4	97.4	97.4
500	58.1	80.7	89.0	91.6	94.8	97.4	97.4	97.4	97.4	97.4	98.1	98.1	98.1	98.1
400	58.1	80.7	89.7	92.3	95.5	98.7	98.7	98.7	98.7	98.7	99.4	99.4	99.4	99.4
300	58.1	80.7	89.7	92.3	95.5	98.7	98.7	98.7	98.7	98.7	99.4	99.4	99.4	99.4
200	58.1	80.7	89.7	92.3	95.5	98.7	98.7	98.7	98.7	98.7	99.4	99.4	99.4	99.4
100	58.1	80.7	89.7	92.3	95.5	98.7	98.7	98.7	98.7	98.7	99.4	99.4	99.4	99.4
0	58.1	80.7	89.7	92.3	95.5	98.7	98.7	98.7	98.7	98.7	99.4	99.4	99.4	99.4

155

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93112

SAN DIEGO, CALIFORNIA

73-77

DEC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

19
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	41.9	59.4	62.6	65.2	69.0	69.7	69.7	70.3	70.3	71.0	71.0	71.0	71.0
≥ 20000	43.9	62.6	66.5	69.0	72.9	73.6	73.6	74.2	74.2	74.8	74.8	74.8	74.8
≥ 18000	43.9	62.6	66.5	69.0	72.9	73.6	73.6	74.2	74.2	74.8	74.8	74.8	74.8
≥ 16000	43.9	62.6	66.5	69.0	72.9	73.6	73.6	74.2	74.2	74.8	74.8	74.8	74.8
≥ 14000	44.5	63.2	67.1	69.7	73.6	74.2	74.2	74.8	74.8	75.5	75.5	75.5	75.5
≥ 12000	45.2	63.9	67.7	70.3	74.2	74.8	74.8	75.5	75.5	76.1	76.1	76.1	76.1
≥ 10000	46.5	65.2	69.0	71.6	75.5	76.1	76.1	76.8	76.8	77.4	77.4	77.4	77.4
≥ 9000	46.5	65.2	69.0	71.6	75.5	76.1	76.1	76.8	76.8	77.4	77.4	77.4	77.4
≥ 8000	47.1	67.7	71.6	74.2	78.1	78.7	78.7	79.4	79.4	80.0	80.0	80.0	80.0
≥ 7000	47.1	67.7	71.6	74.2	78.1	78.7	78.7	79.4	79.4	80.0	80.0	80.0	80.0
≥ 6000	47.1	67.7	71.6	74.2	78.1	78.7	78.7	79.4	79.4	80.0	80.0	80.0	80.0
≥ 5000	47.1	67.7	71.6	74.2	78.1	78.7	78.7	79.4	79.4	80.0	80.0	80.0	80.0
≥ 4500	47.1	67.7	71.6	74.2	78.1	78.7	78.7	79.4	79.4	80.0	80.0	80.0	80.0
≥ 4000	47.7	68.4	72.3	74.8	78.7	79.4	79.4	80.0	80.0	80.7	80.7	80.7	80.7
≥ 3500	47.7	68.4	72.3	74.8	78.7	79.4	79.4	80.0	80.0	80.7	80.7	80.7	80.7
≥ 3000	47.7	68.4	72.3	74.8	78.7	79.4	79.4	80.0	80.0	80.7	80.7	80.7	80.7
≥ 2500	49.0	70.3	74.8	77.4	81.9	81.9	81.9	82.6	82.6	83.2	83.2	83.2	83.2
≥ 2000	49.0	71.0	75.5	78.1	81.9	82.6	82.6	83.2	83.2	83.9	83.9	83.9	83.9
≥ 1800	49.7	72.3	76.8	79.4	83.2	83.9	83.9	84.5	84.5	85.2	85.2	85.2	85.2
≥ 1500	51.0	74.8	79.4	81.9	85.8	86.5	86.5	87.1	87.1	87.7	87.7	87.7	87.7
≥ 1200	51.6	76.8	81.3	83.9	87.7	88.4	88.4	89.0	89.0	89.7	89.7	89.7	89.7
≥ 1000	52.9	79.4	83.9	86.5	91.0	91.6	91.6	92.3	92.3	92.9	92.9	92.9	92.9
≥ 900	52.9	80.0	84.5	87.1	91.6	92.3	92.3	92.9	92.9	93.6	93.6	93.6	93.6
≥ 800	53.6	80.7	85.2	87.7	92.3	92.9	92.9	93.6	93.6	94.2	94.2	94.2	94.2
≥ 700	53.6	81.3	85.8	88.4	93.6	94.2	94.2	94.8	94.8	95.5	95.5	95.5	95.5
≥ 600	53.6	81.3	85.8	88.4	93.6	94.2	94.2	94.8	94.8	95.5	95.5	95.5	95.5
≥ 500	54.2	81.9	87.1	89.7	94.8	95.5	95.5	96.1	96.1	96.8	96.8	96.8	96.8
≥ 400	54.2	81.9	87.1	89.7	94.8	95.5	95.5	96.1	96.1	96.8	96.8	96.8	96.8
≥ 300	54.2	81.9	87.1	89.7	94.8	95.5	95.5	96.1	96.1	96.8	96.8	96.8	96.8
≥ 200	54.2	81.9	87.1	89.7	94.8	95.5	95.5	96.1	96.1	96.8	96.8	96.8	96.8
≥ 100	54.2	81.9	87.1	89.7	94.8	95.5	95.5	96.1	96.1	96.8	96.8	96.8	96.8
0	54.2	81.9	87.1	89.7	94.8	95.5	95.5	96.1	96.1	96.8	96.8	96.8	96.8

TOTAL NUMBER OF OBSERVATIONS 155

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

73-77

YEARS

DEC
MONTH

22
HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													≥ 0
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	34.2	52.3	54.8	57.4	60.7	62.6	65.2	65.8	65.8	65.8	65.8	65.8	65.8	66.5
≥ 20000	36.1	54.2	56.8	60.0	63.9	65.8	68.4	69.0	69.0	69.0	69.0	69.0	69.0	69.7
AI 18000	36.1	54.2	56.8	60.0	63.9	65.8	68.4	69.0	69.0	69.0	69.0	69.0	69.0	69.7
AI 16000	36.1	54.2	56.8	60.0	63.9	65.8	68.4	69.0	69.0	69.0	69.0	69.0	69.0	69.7
AI 14000	36.8	54.8	57.4	60.7	64.5	66.5	69.0	69.7	69.7	69.7	69.7	69.7	69.7	70.3
AI 12000	37.4	55.5	58.1	61.3	65.2	67.1	69.7	70.3	70.3	70.3	70.3	70.3	70.3	71.0
AI 10000	38.1	56.1	58.7	61.9	65.8	67.7	70.3	71.0	71.0	71.0	71.0	71.0	71.0	71.6
AI 9000	38.1	56.1	58.7	61.9	65.8	67.7	70.3	71.0	71.0	71.0	71.0	71.0	71.0	71.6
AI 8000	39.4	58.7	61.3	64.5	68.4	70.3	72.9	73.6	73.6	73.6	73.6	73.6	73.6	74.2
AI 7000	39.4	59.4	61.9	65.2	69.0	71.0	73.6	74.2	74.2	74.2	74.2	74.2	74.2	74.8
AI 6000	39.4	59.4	61.9	65.2	69.0	71.0	73.6	74.2	74.2	74.2	74.2	74.2	74.2	74.8
AI 5000	39.4	60.0	62.6	65.8	69.7	71.6	74.2	74.8	74.8	74.8	74.8	74.8	74.8	75.5
AI 4500	39.4	60.0	62.6	65.8	69.7	71.6	74.2	74.8	74.8	74.8	74.8	74.8	74.8	75.5
AI 4000	40.0	60.7	63.2	66.5	70.3	72.3	74.8	75.5	75.5	75.5	75.5	75.5	75.5	76.1
AI 3500	40.0	60.7	63.2	66.5	70.3	72.3	74.8	75.5	75.5	75.5	75.5	75.5	75.5	76.1
AI 3000	40.0	61.3	63.9	67.1	71.0	72.9	75.5	76.1	76.1	76.1	76.1	76.1	76.1	76.8
AI 2500	43.2	66.5	69.0	72.3	76.1	78.1	80.7	81.3	81.3	81.3	81.3	81.3	81.3	81.9
AI 2000	43.9	67.7	71.0	74.2	78.1	80.0	82.6	83.2	83.2	83.2	83.2	83.2	83.2	83.9
AI 1800	44.5	69.7	72.9	76.1	80.0	81.9	84.5	85.2	85.2	85.2	85.2	85.2	85.2	85.8
AI 1500	44.5	71.0	74.2	77.4	81.3	83.2	85.8	86.5	86.5	86.5	86.5	86.5	86.5	87.1
AI 1200	45.2	72.9	76.1	79.4	83.2	85.2	87.7	88.4	88.4	88.4	88.4	88.4	88.4	89.0
AI 1000	45.8	74.8	78.1	81.9	85.8	87.7	90.3	91.0	91.0	91.0	91.0	91.0	91.0	91.6
AI 900	45.8	76.1	79.4	83.2	87.1	89.7	92.3	92.9	92.9	92.9	92.9	92.9	92.9	93.6
AI 800	45.8	76.1	79.4	83.2	87.1	89.7	92.3	92.9	92.9	92.9	92.9	92.9	92.9	93.6
AI 700	45.8	76.1	79.4	83.2	87.1	89.7	92.3	92.9	92.9	92.9	92.9	92.9	92.9	93.6
AI 600	46.5	76.8	80.0	84.5	89.0	91.6	94.2	94.8	94.8	94.8	94.8	94.8	94.8	95.5
AI 500	46.5	76.8	80.0	84.5	89.0	91.6	94.2	94.8	94.8	94.8	94.8	94.8	94.8	95.5
AI 400	46.5	76.8	80.0	84.5	89.0	91.6	94.2	94.8	94.8	94.8	94.8	94.8	94.8	95.5
AI 300	46.5	76.8	80.0	84.5	89.0	91.6	94.2	94.8	94.8	94.8	94.8	94.8	94.8	95.5
AI 200	46.5	76.8	80.0	84.5	89.0	91.6	94.2	94.8	94.8	94.8	94.8	94.8	94.8	95.5
AI 100	46.5	76.8	80.0	84.5	89.0	91.6	94.2	94.8	94.8	94.8	94.8	94.8	94.8	95.5
AI 0	46.5	76.8	80.0	84.5	89.0	91.6	94.2	94.8	94.8	94.8	94.8	94.8	94.8	95.5

155

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

93112
STATION

SAN DIEGO, CALIFORNIA

73-77

DEC
MONTH

STATION NAME

YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	40.1	55.4	58.9	62.1	64.9	65.5	66.0	66.2	66.3	66.6	66.7	66.7	66.7	66.9	67.0
≥ 20000	42.3	58.8	62.6	66.1	69.1	69.8	70.4	70.7	70.7	71.1	71.1	71.1	71.2	71.5	71.5
≥ 18000	42.5	59.0	62.7	66.3	69.3	70.0	70.6	70.8	70.9	71.2	71.3	71.3	71.4	71.6	71.7
≥ 16000	42.7	59.1	62.9	66.5	69.4	70.2	70.7	71.0	71.1	71.4	71.5	71.5	71.5	71.8	71.9
≥ 14000	43.0	59.5	63.3	66.9	69.8	70.6	71.1	71.4	71.5	71.8	71.9	71.9	71.9	72.2	72.3
≥ 12000	44.1	60.8	64.6	68.2	71.1	71.9	72.4	72.7	72.7	73.1	73.2	73.2	73.2	73.5	73.6
≥ 10000	44.5	61.3	65.2	68.7	71.7	72.4	73.0	73.2	73.3	73.6	73.7	73.7	73.8	74.0	74.1
≥ 9000	44.5	61.3	65.2	68.7	71.7	72.4	73.0	73.2	73.3	73.6	73.7	73.7	73.8	74.0	74.1
≥ 8000	45.2	62.7	66.8	70.5	73.5	74.2	74.8	75.1	75.2	75.5	75.6	75.6	75.7	75.9	76.0
≥ 7000	45.2	63.0	67.0	70.7	73.7	74.4	75.1	75.3	75.4	75.7	75.8	75.8	75.9	76.1	76.2
≥ 6000	45.3	63.2	67.3	71.0	74.0	74.7	75.3	75.6	75.7	76.0	76.1	76.1	76.1	76.4	76.5
≥ 5000	45.5	63.8	67.8	71.5	74.5	75.2	75.9	76.1	76.2	76.5	76.6	76.6	76.7	76.9	77.0
≥ 4500	45.6	63.9	67.9	71.6	74.6	75.3	76.0	76.2	76.3	76.6	76.7	76.7	76.8	77.0	77.1
≥ 4000	45.8	64.3	68.3	72.0	75.0	75.7	76.4	76.6	76.7	77.0	77.1	77.1	77.2	77.4	77.5
≥ 3500	46.0	64.7	68.7	72.4	75.4	76.1	76.8	77.0	77.1	77.4	77.5	77.5	77.6	77.8	77.9
≥ 3000	46.4	65.3	69.5	73.3	76.3	77.0	77.7	77.9	78.0	78.3	78.4	78.4	78.5	78.7	78.8
≥ 2500	47.9	68.2	72.6	76.5	79.5	80.2	81.0	81.2	81.3	81.6	81.7	81.7	81.8	82.0	82.1
≥ 2000	48.5	69.8	74.4	78.4	81.6	82.3	83.1	83.3	83.4	83.7	83.8	83.8	83.9	84.1	84.2
≥ 1800	48.9	70.7	75.5	79.6	82.8	83.6	84.3	84.5	84.6	84.9	85.0	85.0	85.1	85.3	85.4
≥ 1500	49.4	72.9	77.9	82.0	85.5	86.3	87.2	87.4	87.5	87.9	88.0	88.0	88.1	88.3	88.4
≥ 1200	49.8	74.7	79.9	84.2	87.7	88.6	89.4	89.7	89.8	90.2	90.2	90.2	90.3	90.6	90.7
≥ 1000	50.2	75.6	80.8	85.2	88.9	90.1	91.1	91.3	91.4	91.8	91.9	91.9	91.9	92.2	92.3
≥ 900	50.3	76.0	81.3	85.7	89.4	90.7	91.7	91.9	92.0	92.4	92.5	92.5	92.6	92.8	92.9
≥ 800	50.5	76.4	81.7	86.4	90.1	91.4	92.4	92.7	92.7	93.2	93.3	93.3	93.4	93.6	93.7
≥ 700	50.5	76.5	81.9	86.7	90.6	91.9	92.9	93.2	93.2	93.7	93.8	93.8	93.9	94.1	94.2
≥ 600	50.6	76.7	82.2	86.9	90.9	92.3	93.4	93.6	93.7	94.3	94.4	94.4	94.5	94.8	94.8
≥ 500	50.8	77.0	82.6	87.6	91.8	93.2	94.4	94.6	94.7	95.4	95.6	95.6	95.7	95.9	96.0
≥ 400	50.8	77.0	82.7	87.8	92.1	93.6	94.8	95.2	95.2	96.1	96.2	96.3	96.5	96.7	96.8
≥ 300	50.8	77.0	82.8	88.0	92.3	93.8	95.1	95.5	95.6	96.5	96.6	96.7	96.9	97.3	97.3
≥ 200	50.8	77.0	82.9	88.1	92.4	94.0	95.2	95.7	95.8	96.7	96.9	97.2	97.5	97.8	98.0
≥ 100	50.8	77.0	82.9	88.1	92.4	94.0	95.2	95.7	95.8	96.8	97.0	97.3	97.7	98.3	98.7
≥ 0	50.8	77.0	82.9	88.1	92.4	94.0	95.2	95.7	95.8	96.8	97.0	97.3	97.7	98.3	100.0

1240

TOTAL NUMBER OF OBSERVATIONS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

73-77

YEARS

ALL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING	31.3	46.9	49.8	51.6	52.5	52.8	53.1	53.2	53.2	53.3	53.4	53.4	53.4	53.5
≥ 20000	32.7	49.2	52.3	54.2	55.2	55.5	55.9	56.0	56.0	56.1	56.2	56.2	56.2	56.3
≥ 18000	32.8	49.4	52.4	54.3	55.3	55.6	56.0	56.1	56.1	56.3	56.3	56.4	56.4	56.4
≥ 16000	32.9	49.5	52.5	54.4	55.4	55.7	56.1	56.2	56.2	56.4	56.4	56.5	56.5	56.5
≥ 14000	33.1	49.9	52.9	54.8	55.9	56.2	56.5	56.7	56.7	56.8	56.9	56.9	56.9	57.0
≥ 12000	33.5	50.4	53.5	55.4	56.4	56.8	57.1	57.2	57.3	57.4	57.4	57.5	57.5	57.6
≥ 10000	33.8	51.1	54.3	56.3	57.3	57.7	58.0	58.1	58.2	58.3	58.3	58.4	58.4	58.5
≥ 9000	34.0	51.3	54.5	56.5	57.5	57.9	58.2	58.3	58.4	58.5	58.5	58.6	58.6	58.7
≥ 8000	34.4	52.1	55.4	57.4	58.4	58.7	59.1	59.3	59.3	59.4	59.5	59.5	59.5	59.6
≥ 7000	34.5	52.3	55.5	57.6	58.6	58.9	59.3	59.5	59.5	59.6	59.7	59.7	59.7	59.8
≥ 6000	34.7	52.6	55.8	57.8	58.9	59.2	59.6	59.7	59.7	59.9	59.9	60.0	60.0	60.2
≥ 5000	35.0	53.0	56.2	58.3	59.3	59.6	60.0	60.1	60.2	60.3	60.3	60.4	60.4	60.6
≥ 4500	35.3	53.4	56.6	58.7	59.7	60.0	60.4	60.6	60.6	60.7	60.8	60.8	60.8	61.0
≥ 4000	36.0	54.5	57.7	59.8	60.8	61.1	61.5	61.7	61.7	61.8	61.9	61.9	61.9	62.1
≥ 3500	36.9	55.7	59.0	61.0	62.1	62.4	62.8	62.9	62.9	63.1	63.1	63.2	63.2	63.4
≥ 3000	38.5	57.8	61.2	63.2	64.3	64.6	65.0	65.1	65.2	65.3	65.3	65.4	65.4	65.6
≥ 2500	40.7	61.4	64.9	67.0	68.1	68.4	68.9	69.0	69.0	69.1	69.2	69.2	69.2	69.4
≥ 2000	42.2	64.3	68.0	70.2	71.3	71.7	72.1	72.2	72.2	72.4	72.4	72.5	72.5	72.7
≥ 1800	42.8	65.6	69.3	71.5	72.7	73.0	73.4	73.6	73.6	73.7	73.8	73.8	73.8	74.0
≥ 1500	44.4	70.2	74.3	76.8	78.0	78.4	78.8	79.0	79.0	79.1	79.2	79.2	79.2	79.4
≥ 1200	45.5	74.0	78.7	81.7	83.0	83.4	83.9	84.0	84.1	84.2	84.2	84.3	84.3	84.5
≥ 1000	46.1	77.1	82.3	85.7	87.3	87.8	88.3	88.4	88.5	88.6	88.7	88.7	88.8	88.9
≥ 900	46.2	77.9	83.5	87.2	88.9	89.4	90.0	90.1	90.2	90.3	90.4	90.4	90.5	90.6
≥ 800	46.3	79.0	85.0	89.2	91.0	91.6	92.2	92.4	92.5	92.6	92.7	92.7	92.8	93.0
≥ 700	46.4	79.6	86.0	90.5	92.6	93.3	94.1	94.3	94.3	94.5	94.5	94.6	94.6	94.8
≥ 600	46.4	79.9	86.6	91.4	93.7	94.4	95.2	95.5	95.5	95.7	95.8	95.8	95.9	96.1
≥ 500	46.5	80.1	86.9	91.9	94.4	95.2	96.1	96.4	96.5	96.8	96.8	96.9	96.9	97.1
≥ 400	46.5	80.1	87.0	92.1	94.7	95.6	96.7	97.1	97.1	97.5	97.6	97.7	97.7	97.9
≥ 300	46.5	80.1	87.0	92.2	94.8	95.8	97.0	97.4	97.5	98.0	98.1	98.2	98.3	98.4
≥ 200	46.5	80.1	87.0	92.2	94.8	95.8	97.1	97.6	97.7	98.1	98.4	98.4	98.7	98.9
≥ 100	46.5	80.1	87.0	92.2	94.8	95.8	97.1	97.6	97.7	98.2	98.4	98.5	98.9	99.1
0	46.5	80.1	87.0	92.2	94.8	95.8	97.1	97.6	97.7	98.2	98.4	98.5	98.9	99.2

14608

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

2

STATION
93112

SAN DIEGO, CALIFORNIA

STATION NAME	STATION NO.	STATION TYPE	STATION CLASS	STATION CODE	STATION NAME	STATION NO.	STATION TYPE	STATION CLASS	STATION CODE
STATION NAME	STATION NO.	STATION TYPE	STATION CLASS	STATION CODE	STATION NAME	STATION NO.	STATION TYPE	STATION CLASS	STATION CODE

72.77

PERIOD

JAN
MONTH

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

5704 SKY COVER JAN 68

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
JAN	01	43.9	1.9	4.5	4.5	7.1	3.2	1.3	3.9	5.2	3.2	21.3	3.9	155
	04	43.9	3.2	6.5	6.5	4.5	.6	2.6	3.2	2.6	3.2	23.2	3.8	155
	07	21.3	10.3	5.8	6.5	3.9	1.9	5.2	7.1	9.0	8.4	20.6	5.0	155
	10	29.0	5.2	5.8	7.7	5.2	6.5	5.2	3.2	7.7	7.1	17.4	4.5	155
	13	22.6	9.7	7.7	3.2	8.4	4.5	5.8	5.2	5.8	9.0	18.1	4.7	155
	16	21.3	6.5	10.3	7.7	5.8	5.8	1.9	7.1	4.5	10.3	18.7	4.8	155
	19	30.3	7.1	11.0	5.8	1.3	5.2	2.6	4.5	9.7	1.9	20.6	4.3	155
	22	35.5	3.2	6.5	7.7	5.2	4.5	3.2	3.2	6.5	3.2	21.3	4.2	155
TOTALS		31.0	5.9	7.3	6.2	5.2	4.0	3.5	4.7	6.4	5.8	20.2	4.4	1240

NAVWEASERVCOM

STATION	STATION NAME
93112	SAN DIEGO, CALIFORNIA

73-77

PERIOD

FEB
MONTH

**PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)**

5704 SKY COVER JAN 68

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
FER	01	33.3	3.5	6.4	6.4	2.1	2.1	2.8	6.4	5.7	5.7	25.5	4.7	141
	04	30.5	7.1	5.7	3.5	2.1	2.1	4.3	3.5	5.0	7.1	29.1	4.9	141
	07	19.9	6.4	7.1	6.4	4.3	2.8	1.4	3.5	10.6	10.6	27.0	5.5	141
	10	24.8	4.3	8.5	5.0	7.8	2.8	2.8	5.7	7.1	11.3	19.9	5.0	141
	13	20.6	5.0	9.9	12.8	5.7	1.4	5.0	3.5	7.8	9.2	19.1	4.8	141
	16	22.0	7.1	8.5	3.5	5.7	2.1	6.4	5.0	11.3	5.0	23.4	5.1	141
	19	23.4	7.8	8.5	7.1	7.1	9.2	3.5	4.3	4.3	5.0	19.9	4.5	141
	22	26.2	7.1	8.5	5.0	1.4	6.4	5.7	3.5	7.1	7.1	22.0	4.8	141
TOTALS		25.1	6.0	7.9	6.2	4.5	3.6	4.0	4.4	7.4	7.6	23.2	4.9	1128

SKY COVER

5704 SKY COVER JAN 68

93112 STATION 93112 SAN DIEGO, CALIFORNIA 73-77 PERIOD MAR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10	
MAR	01	25.2	5.2	5.2	5.8	3.9	3.2	3.9	5.8	5.8	3.2	32.9	155
	04	25.2	3.9	3.9	3.2	1.9	4.5	4.5	4.5	6.5	5.2	36.8	155
	07	24.5	3.9	3.2	3.9	5.2	2.6	1.9	2.6	9.7	10.3	32.3	155
	10	20.0	7.1	3.9	2.6	7.1	1.9	2.6	7.7	8.4	11.0	27.7	155
	13	27.6	5.2	8.4	6.5	1.9	7.1	7.1	5.2	4.5	12.3	19.4	155
	16	18.1	7.7	7.7	6.5	7.1	5.2	3.9	8.4	6.5	10.3	18.7	155
	19	22.6	7.7	7.1	7.1	6.5	4.5	5.8	3.2	12.9	5.2	17.4	155
	22	30.3	3.9	4.5	2.6	7.7	7.1	5.2	5.2	9.7	3.2	20.6	155
TOTALS		23.6	5.6	5.5	4.8	5.2	4.5	4.4	5.3	8.0	7.6	25.7	5.3 1240

STATION
93112

STATION
93112

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

5704 SKY COVER JAN 68

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
MAY	01	8.4	1.3	3.2	2.6	2.6	1.3	3.2	1.9	5.2	3.2	67.1	6.1	155
	04	4.5	1.3	.6	2.6	1.9	1.9	3.2	5.2	2.6	2.6	73.5	8.6	155
	07	4.5	.6	1.9	1.3	1.9	1.3	1.9	3.2	3.9	6.5	72.9	6.7	155
	10	16.8	3.2	.6	7.1	4.5	3.2	3.2	3.9	7.1	7.7	42.6	6.6	155
	13	22.6	6.5	8.4	6.5	7.1	2.6	5.8	4.5	7.7	5.2	23.2	4.9	155
	16	16.8	7.7	8.4	5.8	3.2	8.4	4.5	5.2	9.0	7.1	23.9	5.3	155
	19	9.7	5.2	10.3	3.2	5.8	3.9	3.2	3.2	4.5	5.8	45.2	6.6	155
	22	12.9	1.9	2.6	3.9	1.9	5.2	3.2	1.9	3.8	2.6	58.1	7.4	155
TOTALS		12.0	3.5	4.5	4.1	3.6	3.5	3.5	3.6	5.7	5.1	50.8	7.0	1240

JUN
MONTH

PERIOD

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
JUN	01	11.3	1.3	1.3	3.3	2.0		2.0	2.7	4.0	5.3	56.7	8.0	150
	04	10.0	.7	1.3		.7	2.7	2.0	1.3	2.7	5.3	73.3	8.4	150
	07	8.0	.7	3.3	1.3	2.7	1.3		2.7	4.7	4.7	70.7	8.3	150
	10	23.3	6.0	4.0	3.3	6.0	4.0	2.0	4.7	4.7	5.3	36.7	5.6	150
	13	32.7	7.3	8.0	6.0	6.7	4.0	2.7	6.0	6.0	3.3	17.3	4.0	150
	16	26.0	6.7	8.0	4.7	8.0	4.0	4.7	4.7	7.3	6.0	20.0	4.6	150
	19	16.0	6.7	6.7	7.3	6.7	5.3	2.7	5.3	6.0	6.0	31.3	5.6	150
	22	20.7	1.3	6.7	2.0	6.0	.7	3.3	2.7	3.3	2.7	50.7	6.4	150
TOTALS		18.5	3.8	4.9	3.5	4.9	2.8	2.4	3.8	4.8	4.8	45.8	6.4	1200

SKY COVER

MONTH
JUL

PERIOD

73-77

93112	SAN DIEGO, CALIFORNIA
STATION	STATION NAME

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
JUL	01	7.7	3.2	5.2	4.5	1.9	1.9	1.3	2.6	3.9	6.5	61.3	7.7	155
	04	3.9	.6	2.6	1.9	1.9	.6	1.9		5.8	3.2	77.4	8.8	155
	07	1.3	1.3	.6	3.2	1.3	.6	1.9	1.9	2.6	5.8	79.4	9.1	155
	10	20.6	7.7	5.2	7.1	4.5	2.6	1.3	2.6	5.8	3.9	38.7	5.6	155
	13	34.8	8.4	3.9	9.0	1.9	5.8	3.9	5.8	6.5	3.9	16.1	3.9	155
	16	30.3	9.0	9.7	9.7	1.9	2.6	2.6	2.6	9.7	6.5	15.5	4.0	155
	19	22.6	7.7	5.8	5.8	6.5	3.2	3.2	6.5	6.5	9.0	23.2	5.1	155
	22	15.5	5.8	4.5	5.2	7.7	5.2	4.5	6.5	5.2	3.2	36.8	6.0	155
TOTALS		17.1	5.5	4.7	5.8	3.5	2.8	2.6	3.6	5.8	5.3	43.6	6.3	1240

SKY COVER

2

93112 STATION SAN DIEGO, CALIFORNIA 73-77 PERIOD AUG MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
AUG	01	8.4	3.2	5.8	1.9	2.6		4.5	1.3	5.8	7.7	58.7	7.7	155
	04	3.2	3.9	.6	1.3	.6		1.9	.6	5.2	3.2	79.4	8.9	155
	07	1.3	1.9	1.9	.6	2.6	1.3	1.3	2.6	5.2	5.8	75.5	9.0	155
	10	32.9	3.9	7.7	1.9	5.2	2.6	1.9	3.2	5.2	9.0	26.5	4.8	155
	13	47.7	8.4	5.2	7.7	4.5	5.2	5.8	3.2	4.5	1.3	6.5	2.6	155
	16	41.3	8.4	10.3	6.5	5.2	1.3	6.5	6.5	4.5	2.6	7.1	2.9	155
	19	24.5	12.3	9.7	7.7	8.4	5.8	1.3	4.5	5.8	5.2	14.8	4.0	155
	22	22.6	7.1	6.5	7.1	3.2	3.2	2.6	7.7	3.2	6.5	30.3	5.3	155
TOTALS		22.7	6.1	6.0	4.3	4.0	2.4	3.2	3.7	4.9	5.2	37.4	5.7	1240

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SUMMARY OF METEOROLOGICAL OBSERVATIONS, SURFACE (SMOS) SAN DIEG--ETC(U)
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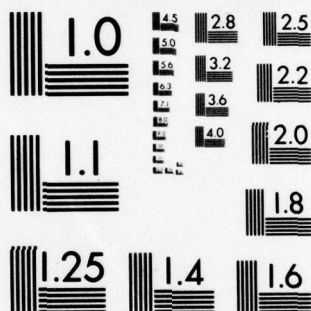
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SKY COVER

5704 SKY COVER JAN 68

SEP
MONTH

73-77
PERIOD

SAN DIEGO, CALIFORNIA
STATION NAME

93112
STATION

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
SEP	01	16.0	2.0	2.7	2.0	3.3	.7	2.7	2.7	2.7	2.7	62.7	7.4	150
	04	12.7	1.3	2.0	2.0	2.0	2.0	2.0		3.3	6.0	66.7	7.9	150
	07	13.3	.7	1.3	1.3	3.3			3.3	4.7	6.0	66.0	8.0	150
	10	20.7	7.3	5.3	6.7	2.7	4.0	3.3	3.3	7.3	5.3	34.0	5.6	150
	13	34.0	6.7	9.3	3.3	1.3	2.7	4.0	4.7	4.7	6.0	23.3	4.4	150
	16	28.0	8.7	12.0	6.7	2.7	4.0	3.3	3.3	6.7	5.3	19.3	4.2	150
	19	24.0	6.0	6.0	4.0	6.0	5.3	7.3	4.0	2.7	5.3	29.3	5.2	150
	22	20.7	3.3	2.0	3.3	2.0	2.0	5.3	8.0	2.0	4.0	47.3	6.5	150
TOTALS		21.2	4.5	5.1	3.7	2.9	2.6	3.5	3.7	4.3	5.1	43.6	6.2	1200

SKY COVER

93112 STATION

SAN DIEGO, CALIFORNIA

73-77

PERIOD

OCT MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10	
OCT	01	27.1	1.9	1.9	1.9	3.9	1.3	1.9	4.5	3.9	5.2	46.5	155
	04	20.6	3.2	3.9	3.2		1.3	1.3	1.3	9.0	5.2	51.0	155
	07	17.4	2.6	7.7	3.2	2.6	.6	2.6	5.8	3.9	7.1	46.5	155
	10	28.4	7.7	10.3	6.5	3.2	3.2	2.6	5.8	4.5	9.0	18.7	155
	13	40.0	7.7	9.7	7.7	5.2	1.9	3.2	1.9	3.9	7.1	11.6	155
	16	34.2	10.3	10.3	7.7	3.2	3.2	3.9	3.2	7.1	5.8	11.0	155
	19	31.0	9.0	10.3	5.8	5.8	3.2	4.5	7.1	4.5	4.5	14.2	155
	22	30.3	6.5	7.1	3.2	3.9	2.6	4.5	3.2	5.2	5.2	28.4	155
TOTALS		28.6	6.1	7.7	4.9	3.5	2.2	3.1	4.1	5.3	6.1	28.5	1240

2

93112	SAN DIEGO, CALIFORNIA
STATION	STATION NAME

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NAVWEASERVCOM

2

STATION	STATION NAME
93112	SAN DIEGO, CALIFORNIA

73-77

PERIOD

DEC
MONTH

**PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)**

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
DEC	01	34.8	6.5	3.9	5.2	5.2	1.9	3.2	1.3	4.5	3.2	30.3	4.6	155
	04	41.3	4.5	7.7	3.2	2.6	3.2	1.3	1.3	5.8	2.6	26.5	4.1	155
	07	24.5	5.2	6.5	8.4	5.2	5.2	3.9	4.5	5.2	4.5	27.1	5.0	155
	10	30.3	1.9	5.8	5.2	5.2	5.2	5.2	5.8	9.0	5.8	20.6	4.8	155
	13	29.0	8.4	5.2	6.5	5.2	6.5	4.5	7.1	6.5	4.5	16.8	4.3	155
	16	29.0	5.2	7.1	9.7	5.2	3.2	3.2	5.2	5.8	5.8	20.6	4.5	155
	19	35.5	4.5	5.2	6.5	8.4	4.5	5.2	2.6	5.2	3.9	18.7	4.0	155
	22	38.7	4.5	5.8	2.6	6.5	3.9	5.2	3.9	2.6	3.2	23.2	4.1	155
TOTALS		32.9	5.1	5.9	5.9	5.4	4.2	4.0	4.0	5.6	4.2	23.0	4.4	1240

NAVWEASERVCOM

SKY COVER

93112 STATION 93112 SAN DIEGO, CALIFORNIA 73-77 PERIOD ALL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
JAN	ALL	31.0	5.9	7.3	6.2	5.2	4.0	3.5	4.7	6.4	5.8	20.2	4.4	1240
FEB		25.1	6.0	7.9	6.2	4.5	3.6	4.0	4.4	7.4	7.6	23.2	4.9	1128
MAR		23.6	5.6	5.5	4.8	5.2	4.5	4.4	5.3	8.0	7.6	25.7	5.3	1240
APR		25.8	6.5	4.7	5.7	5.1	5.0	3.7	4.6	7.1	5.0	26.8	5.0	1200
MAY		12.0	3.5	4.5	4.1	3.6	3.5	3.5	3.6	5.7	5.1	50.8	7.0	1240
JUN		18.5	3.8	4.9	3.5	4.9	2.8	2.4	3.8	4.8	4.8	45.8	6.4	1200
JUL		17.1	5.5	4.7	5.8	3.5	2.8	2.6	3.6	5.8	5.3	43.6	6.3	1240
AUG		22.7	6.1	6.0	4.3	4.0	2.4	3.2	3.7	4.9	5.2	37.4	5.7	1240
SEP		21.2	4.5	5.1	3.7	2.9	2.6	3.5	3.7	4.3	5.1	43.6	6.2	1200
OCT		28.6	6.1	7.7	4.9	3.5	2.2	3.1	4.1	5.3	6.1	28.5	4.9	1240
NOV		36.4	5.7	5.8	5.5	4.3	5.2	3.7	4.7	6.2	5.1	17.7	4.0	1200
DEC		32.9	5.1	5.9	5.9	5.4	4.2	4.0	4.0	5.6	4.2	23.0	4.4	1240
TOTALS		24.6	5.4	5.8	5.1	4.3	3.6	3.5	4.2	6.0	5.6	32.2	5.4	14608

PART E PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dew points, and relative humidity. The order and manner of presentation follows:

1. Cumulative percentage frequency of occurrence - derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviation, and total number of observations in three separate tables as follows:
 - a. Daily maximum temperature
 - b. Daily minimum temperature
 - c. Daily mean temperature
2. Extreme values - derived from daily observations with extreme value given for each year and month of record available. Extremes are provided for a month if all days for a month contain valid observations. All months for a year must have valid extremes before the ANNUAL value is selected for that year. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extreme temperatures are prepared:
 - a. Extreme maximum temperature
 - b. Extreme minimum temperature

NOTE: A supplementary list also provides extreme temperatures when less than a full month is reported.
3. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature. This tabulation is derived from 3-hourly observations and is presented by month and annual, all hours and all years combined. The following information is provided:
 - a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature vertically. Also provided for each dry-bulb temperature interval is the total no. of observations with dry-bulb and wet-bulb temperatures combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may require two pages in some cases.

NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.

b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares ($\sum X^2$), sums of values ($\sum X$), means (\bar{X}), and standard deviations (σx). The number of observations used in the computations for each element is also shown.

c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulations by month.

NOTE: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.

4. Means and standard deviations - These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years available are combined. Tables are prepared for the following:

- a. Dry-bulb temperature
- b. Wet-bulb temperature
- c. Dew-point temperature

5. Cumulative percentage frequency of occurrence of relative humidity - This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.

- a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.
- b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

6. Percentage frequency of occurrence of dry-bulb temperature versus wind direction - This tabulation is derived from hourly observations and is presented by month and annual, all hours and years combined. The main body of the summary consists of dry bulb temperatures spread vertically in four degree increments and horizontally by eight wind directions (plus calm).

YEARS

MAXIMUM

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

[illegible]

NAVWEASERVCOM

DAILY TEMPERATURES

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

43-77

YEARS

MINIMUM

**CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)**

[illegible]

DAILY TEMPERATURES

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

45-77
YEARS

MEAN

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

TEMP (°F)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
90									.1				.0
89									.6				.1
88									1.4				.3
87									8.7				2.4
86									43.6				16.3
85									87.3				39.2
84									95.8				66.3
83									100.0				89.6
82									100.0				98.8
81									100.0				99.9
80									100.0				100.0
79													
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MEAN	55.3	56.6	57.7	60.1	62.4	64.8	68.9	70.4	69.5	66.0	61.1	56.9	62.5
S. D.	4.569	4.061	3.285	3.476	2.829	2.657	3.095	2.912	3.725	4.224	4.450	4.010	6.315
TOTAL OBS.	992	904	992	990	1021	990	1023	1023	990	1022	988	1021	11956

NAVWEASERVCOM

5721 Daily Temperatures Jan 1969

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

25 DAILY AVERAGE/EXTREME TEMP MAR 1978

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

1946-1977

JANUARY
MONTH

YEARS

DAY	MEAN TEMP		AVERAGE		MAXIMUM TEMP		MINIMUM TEMP		DATE
	° F	° C	° F	° C	° F	° C	° F	° C	
1	53.7	12.1	60.4	15.8	73	22.8	47.1	8.4	1954
2	53.5	11.9	60.6	15.9	74	23.3	46.4	8.0	1969
3	53.5	11.9	60.7	15.9	75	23.9	46.3	7.9	1969
4	53.1	11.7	61.0	16.1	88	31.1	45.2	7.3	1969
5	54.0	12.2	62.1	16.7	82	27.8	45.9	7.7	1969
6	54.9	12.7	62.8	17.1	74	23.3	46.9	8.3	1969*
7	54.8	12.7	62.4	16.9	78	25.6	47.2	8.4	1963*
8	55.1	12.8	62.1	16.7	73	22.8	48.2	9.0	1961
9	54.6	12.6	61.5	16.4	73	22.8	47.8	8.8	1961
10	55.3	12.9	62.4	16.9	79	26.1	48.3	9.1	1953
11	54.6	12.6	61.5	16.4	77	25.0	47.6	8.7	1961
12	54.8	12.7	61.5	16.4	73	22.8	48.2	9.0	1968
13	55.4	13.0	63.0	17.2	78	25.6	47.7	8.7	1975*
14	55.3	12.9	63.2	17.3	80	26.7	47.5	8.6	1975
15	55.4	13.0	63.2	17.3	78	25.6	47.6	8.7	1976
16	56.1	13.4	63.6	17.6	85	29.4	48.5	9.2	1976
17	56.2	13.4	64.2	17.9	86	30.0	48.3	9.1	1977
18	56.1	13.4	63.3	17.4	80	26.7	49.0	9.4	1961
19	55.8	13.2	62.1	16.7	80	26.7	49.5	9.7	1975
20	55.5	13.1	61.8	16.6	79	26.1	49.2	9.6	1976
21	55.2	12.9	61.3	16.3	79	26.1	49.1	9.5	1976
22	55.1	12.8	62.0	16.7	74	23.3	48.3	9.1	1968
23	55.2	12.9	62.2	16.8	80	26.7	48.2	9.0	1968
24	56.0	13.3	62.8	17.1	80	26.7	49.2	9.6	1968
25	55.2	12.9	61.4	16.3	75	23.9	49.1	9.5	1951
26	55.1	12.8	61.4	16.3	75	23.9	48.8	9.3	1976
27	55.7	13.2	62.8	17.1	81	27.2	48.5	9.2	1971
28	56.0	13.3	64.0	17.8	82	27.8	48.1	8.9	1971
29	56.5	13.6	64.0	17.8	81	27.2	48.9	9.4	1971
30	54.8	12.7	62.4	16.9	76	24.4	47.2	8.4	1971
31	55.3	12.9	63.0	17.2	78	25.6	47.6	8.7	1953
Monthly	55.1	12.8	62.3	16.8	88	31.1	47.9	8.8	1969

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET-SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

93112

SAN DIEGO, CALIFORNIA

1946-1977

FEBRUARY

STATION

STATION NAME

YEARS

MONTH

DAY	MEAN TEMP		AVERAGE		EXTREME		DATE		AVERAGE		EXTREME		DATE	
	° F	° C	° F	° C	° F	° C			° F	° C	° F	° C		
1	55.4	13.0	62.4	16.9	78	25.6	1976		48.3	9.2	39	3.9	1950*	
2	56.0	13.3	63.2	17.3	76	24.4	1963*		48.9	9.4	43	6.1	1975*	
3	56.5	13.6	64.8	18.2	82	27.8	1963		48.2	9.0	40	4.4	1955	
4	56.8	13.8	64.5	18.1	78	25.6	1968		49.2	9.6	39	3.9	1955	
5	56.1	13.4	63.2	17.3	75	23.9	1952		49.0	9.4	39	3.9	1955	
6	56.7	13.7	63.5	17.5	79	26.1	1952		49.9	9.9	40	4.4	1955	
7	56.7	13.7	63.7	17.6	85	29.4	1954		49.8	9.9	42	5.6	1964	
8	56.7	13.7	63.0	17.2	81	27.2	1954		50.3	10.2	41	5.0	1948	
9	56.4	13.6	62.7	17.1	73	22.8	1974		50.1	10.1	40	4.4	1966	
10	56.6	13.7	63.6	17.6	80	26.7	1971		49.5	9.7	40	4.4	1965	
11	56.8	13.8	64.0	17.8	78	25.6	1977		49.7	9.8	43	6.1	1960*	
12	56.8	13.8	63.9	17.7	84	28.9	1971		49.7	9.8	39	3.9	1946	
13	56.2	13.4	63.3	17.4	79	26.1	1977		49.2	9.6	40	4.4	1966*	
14	55.8	13.2	62.7	17.1	72	22.2	1951		49.0	9.4	38	3.3	1966	
15	56.4	13.6	63.2	17.3	81	27.2	1977		49.7	9.8	38	3.3	1949	
16	56.2	13.4	63.0	17.2	83	28.3	1977		49.5	9.7	41	5.0	1966	
17	56.4	13.6	63.0	17.2	72	22.2	1953*		49.8	9.9	38	3.3	1956	
18	55.6	13.1	61.8	16.6	71	21.7	1973*		49.5	9.7	42	5.6	1966	
19	55.4	13.0	61.5	16.4	78	25.6	1965		49.2	9.6	41	5.0	1955	
20	55.8	13.2	62.6	17.0	76	24.4	1973		49.1	9.5	39	3.9	1953	
21	56.0	13.3	63.3	17.4	77	25.0	1961		48.8	9.3	40	4.4	1953	
22	56.0	13.3	62.6	17.0	75	23.9	1976		49.4	9.7	42	5.6	1975*	
23	56.9	13.8	64.2	17.9	80	26.7	1954		49.5	9.7	42	5.6	1955	
24	57.1	13.9	64.5	18.1	83	28.3	1974		49.8	9.9	41	5.0	1953	
25	57.2	14.0	64.1	17.8	80	26.7	1974		50.3	10.2	40	4.4	1960	
26	56.2	13.4	62.2	16.8	74	23.3	1963		50.2	10.1	45	7.2	1953	
27	56.3	13.5	62.8	17.1	75	23.9	1967		49.7	9.8	43	6.1	1956	
28	56.5	13.6	63.0	17.2	77	25.0	1967		50.1	10.1	41	5.0	1962	
29	55.8	13.2	61.1	16.2	67	19.4	1968		50.5	10.3	46	7.8	1956	
30														
31														
Monthly	56.4	13.6	63.2	17.3	85	29.4	1954		49.5	9.7	38	3.3	1966*	

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET-SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

5725 DAILY AVERAGE/EXTREME TEMP MAR 1978

93112

SAN DIEGO, CALIFORNIA

1946-1977

MARCH

STATION

STATION NAME

YEARS

MONTH

DAY	MEAN TEMP		AVERAGE		MAXIMUM TEMP		AVERAGE		MINIMUM TEMP		DATE
	° F	° C	° F	° C	° F	° C	° F	° C	° F	° C	
1	56.8	13.8	62.9	17.2	79	26.1	50.7	10.4	44	6.7	1964
2	55.9	13.3	61.5	16.4	72	22.2	50.4	10.2	44	6.7	1971*
3	55.7	13.2	61.5	16.4	78	25.6	50.0	10.0	41	5.0	1953
4	56.5	13.6	63.2	17.3	84	28.9	49.9	9.9	42	5.6	1951
5	56.8	13.8	63.2	17.3	74	23.3	50.3	10.2	43	6.1	1951
6	56.8	13.8	63.2	17.3	75	23.9	50.4	10.2	44	6.7	1976
7	56.6	13.7	62.9	17.2	75	23.9	50.4	10.2	43	6.1	1958
8	56.8	13.8	62.8	17.1	74	23.3	50.7	10.4	42	5.6	1964
9	56.4	13.6	61.5	16.4	74	23.3	51.2	10.7	43	6.1	1964
10	56.7	13.7	61.6	16.4	71	21.7	51.7	10.9	47	8.3	1958*
11	56.5	13.6	62.1	16.7	84	28.9	51.0	10.6	46	7.8	1975*
12	56.8	13.8	63.0	17.2	79	26.1	50.5	10.3	44	6.7	1975*
13	57.1	13.9	63.3	17.4	78	25.6	50.9	10.5	44	6.7	1956
14	56.7	13.7	63.2	17.3	80	26.7	50.2	10.1	42	5.6	1952
15	56.7	13.7	63.3	17.4	75	23.9	50.1	10.1	44	6.7	1962*
16	57.8	14.3	64.3	17.9	76	24.4	51.3	10.7	46	7.8	1962*
17	57.4	14.1	63.2	17.3	80	26.7	51.6	10.9	43	6.1	1952
18	57.1	13.9	62.9	17.2	76	24.4	51.3	10.7	43	7.2	1963*
19	58.0	14.4	64.0	17.8	79	26.1	52.1	11.2	45	7.2	1963
20	58.1	14.5	64.0	17.8	74	23.3	52.2	11.2	46	7.8	1946
21	57.9	14.4	64.3	17.9	76	24.4	51.5	10.8	45	7.2	1952*
22	58.0	14.4	63.7	17.6	80	26.7	52.3	11.3	45	7.2	1946
23	57.9	14.4	63.5	17.5	79	26.1	52.3	11.3	45	7.2	1957*
24	58.1	14.5	63.8	17.7	73	22.8	52.5	11.4	46	7.8	1962*
25	58.4	14.7	64.2	17.9	83	28.3	52.7	11.5	45	7.2	1949
26	58.9	14.9	64.7	18.2	79	26.1	53.1	11.7	45	7.2	1948
27	59.0	15.0	64.8	18.2	80	26.7	53.1	11.7	46	7.8	1975
28	58.8	14.9	64.3	17.9	74	23.3	53.4	11.9	48	8.9	1949
29	58.6	14.8	64.4	18.0	82	27.8	52.8	11.6	46	7.8	1975
30	58.6	14.8	63.8	17.7	76	24.4	53.3	11.8	46	7.8	1975*
31	58.9	14.9	64.4	18.0	76	24.4	53.3	11.8	46	7.8	1949
Monthly	57.4	14.1	63.3	17.4	84	28.9	51.5	10.8	41	5.0	1953

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET-SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

93112

SAN DIEGO, CALIFORNIA

STATION

STATION NAME

1945-1977

YEARS

APRIL

MONTH

5725 DAILY AVERAGE/EXTREME TEMP MAR 1978

DAY	MEAN TEMP				MAXIMUM TEMP				MINIMUM TEMP			
	AVERAGE		AVERAGE		EXTREME		AVERAGE		EXTREME		AVERAGE	
	° F	° C	° F	° C	° F	° C	° F	° C	° F	° C	° F	° C
1	58.7	14.8	64.3	17.9	81	27.2	1959	53.2	11.8	47	8.3	1956*
2	58.7	14.8	64.4	18.0	88	31.1	1960	53.1	11.7	45	7.2	1956
3	58.9	14.9	63.0	18.3	83	29.4	1960	52.8	11.6	44	6.7	1945
4	59.7	15.4	66.5	19.2	89	31.7	1971	52.9	11.6	46	7.8	1976*
5	60.3	15.7	66.9	19.4	87	30.6	1971	53.7	12.1	46	7.8	1945
6	59.5	15.3	65.1	18.4	79	26.1	1962	53.9	12.2	46	7.8	1975
7	59.3	15.2	64.7	18.2	83	28.3	1962	53.9	12.2	46	7.8	1975
8	59.6	15.3	65.1	18.4	80	26.7	1973	54.1	12.3	48	8.9	1965
9	59.6	15.3	65.2	18.4	86	30.0	1968	54.0	12.2	44	6.7	1953
10	60.1	15.6	65.8	18.8	84	28.9	1968	54.5	12.5	47	8.3	1953
11	59.6	15.3	65.4	18.6	83	28.3	1946	53.7	12.1	46	7.8	1963*
12	60.2	15.7	65.7	18.7	88	31.1	1947	54.6	12.6	45	7.2	1965
13	60.1	15.6	65.4	18.6	89	31.7	1947	54.8	12.7	48	8.9	1965*
14	60.5	15.8	66.2	19.0	83	28.3	1964	54.8	12.7	47	8.3	1972
15	61.1	16.2	67.1	19.5	85	29.4	1964	55.2	12.9	49	9.4	1945
16	60.4	15.8	65.4	18.6	82	27.8	1948	55.4	13.0	50	10.0	1976
17	60.0	15.6	64.6	18.1	79	26.1	1950	55.4	13.0	46	7.8	1976
18	59.3	15.2	63.6	17.6	73	22.8	1960	55.1	12.8	48	8.9	1976
19	59.4	15.2	64.1	17.8	75	23.9	1965	54.7	12.6	49	9.4	1955
20	60.0	15.6	65.5	18.6	87	30.6	1958	54.5	12.5	48	8.9	1972*
21	60.1	15.6	64.9	18.3	81	27.2	1958	55.3	12.9	48	8.9	1957
22	60.0	15.6	64.9	18.3	76	24.4	1962	55.1	12.8	47	8.3	1963
23	60.1	15.6	64.8	18.2	75	23.9	1968	55.4	13.0	47	8.3	1960
24	60.3	15.7	64.8	18.2	76	24.4	1977	55.8	13.2	48	8.9	1960
25	59.8	15.4	64.5	18.1	72	22.2	1948	55.1	12.8	48	8.9	1960
26	60.1	15.6	64.9	18.3	80	26.7	1969	55.3	12.9	46	7.8	1960
27	60.2	15.7	64.8	18.2	81	27.2	1969	55.6	13.1	49	9.4	1955
28	60.5	15.8	65.3	18.5	80	26.7	1969	55.8	13.2	50	10.0	1955
29	60.3	15.7	64.7	18.2	72	22.2	1959	56.0	13.3	48	8.9	1970
30	60.3	15.7	64.8	18.2	71	21.7	1976	55.7	13.2	50	10.0	1948
31												
Monthly	59.9	15.5	65.1	18.4	89	31.7	1971*	54.6	12.6	44	6.7	1953*

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET-SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

25 DAILY AVERAGE/EXTREME TEMP MAR 1978

93112

SAN DIEGO, CALIFORNIA

1945-1977

MAY

STATION

STATION NAME

YEARS

MONTH

DAY	MEAN TEMP		AVERAGE		MAXIMUM TEMP		AVERAGE		EXTREME		MINIMUM TEMP		DATE
	°F	°C	°F	°C	°F	°C	°F	°C	°F	°C	°F	°C	
1	61.0	16.1	66.0	18.9	74	23.3	56.1	13.4	50	10.0	50	10.0	1955
2	61.6	16.4	66.8	19.3	87	30.6	56.4	13.6	51	10.6	51	10.6	1951
3	61.6	16.4	66.5	19.2	89	31.7	56.8	13.8	50	10.0	50	10.0	1955
4	61.0	16.1	65.5	18.6	84	28.9	56.4	13.6	50	10.0	50	10.0	1960
5	61.1	16.2	65.5	18.6	92	33.3	56.7	13.7	47	8.3	47	8.3	1960
6	61.6	16.4	66.5	19.2	82	27.8	56.7	13.7	50	10.0	50	10.0	1975
7	61.9	16.6	66.8	19.3	79	26.1	57.0	13.9	50	10.0	50	10.0	1964
8	61.9	16.6	66.4	19.1	78	25.6	57.5	14.2	51	10.6	51	10.6	1965*
9	62.2	16.8	66.8	19.3	75	23.9	57.7	14.3	52	11.1	52	11.1	1964
10	62.0	16.7	66.3	19.1	77	25.0	57.6	14.2	51	10.6	51	10.6	1953
11	62.0	16.7	66.5	19.2	80	26.7	57.5	14.2	53	11.7	53	11.7	1953
12	61.5	16.4	65.7	18.7	74	23.3	57.3	14.1	53	11.7	53	11.7	1975*
13	61.5	16.4	65.9	18.8	73	22.8	57.1	13.9	53	11.7	53	11.7	1962
14	61.9	16.6	66.5	19.2	82	27.8	57.4	14.1	55	12.8	55	12.8	1962*
15	62.3	16.8	67.1	19.5	88	31.1	57.4	14.1	52	11.1	52	11.1	1953
16	62.6	17.0	67.6	19.8	92	33.3	57.7	14.3	52	11.1	52	11.1	1955
17	62.8	17.1	67.7	19.8	88	31.1	58.0	14.4	50	10.0	50	10.0	1962
18	62.6	17.0	67.4	19.7	82	27.8	57.9	14.4	53	11.7	53	11.7	1977
19	62.2	16.8	66.6	19.2	76	24.4	57.9	14.4	53	11.7	53	11.7	1977
20	62.0	16.7	66.6	19.2	77	25.0	57.5	14.2	53	11.7	53	11.7	1974*
21	62.0	16.7	66.3	19.1	73	22.8	57.8	14.3	53	11.7	53	11.7	1948*
22	62.0	16.7	66.1	18.9	78	25.6	57.8	14.3	53	11.7	53	11.7	1960
23	62.3	16.8	66.1	18.9	74	23.3	58.5	14.7	52	11.1	52	11.1	1960
24	62.4	16.9	66.3	19.1	72	22.2	58.5	14.7	54	12.2	54	12.2	1960*
25	62.3	16.8	66.8	19.3	73	22.8	57.9	14.4	53	11.7	53	11.7	1945
26	62.9	17.2	67.3	19.6	78	25.6	58.5	14.7	54	12.2	54	12.2	1953
27	62.7	17.1	66.8	19.3	80	26.7	58.7	14.8	55	12.8	55	12.8	1964*
28	62.9	17.2	67.1	19.5	84	28.9	58.8	14.9	55	12.8	55	12.8	1971*
29	63.0	17.2	67.3	19.6	77	25.0	58.8	14.9	54	12.2	54	12.2	1953
30	62.7	17.1	66.5	19.2	72	22.2	58.9	14.9	53	11.7	53	11.7	1953
31	62.9	17.2	66.5	19.2	75	23.9	59.2	15.1	56	13.3	56	13.3	1955
Monthly	62.1	16.7	66.6	19.2	92	33.3	57.7	14.3	47	8.3	47	8.3	1960

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET-SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

STATION
93112

SAN DIEGO, CALIFORNIA

1945-1977

STATION NAME

YEARS

JUNE

MONTH

DAY	MEAN TEMP		MAXIMUM TEMP		MINIMUM TEMP		DATE
	AVERAGE ° F	AVERAGE ° C	AVERAGE ° F	EXTREME ° F	AVERAGE ° F	EXTREME ° F	
1	63.1	17.3	67.0	71	59.2	55	1972*
2	63.3	17.4	67.3	76	59.3	56	1951
3	63.2	17.3	67.1	78	59.4	54	1957
4	63.4	17.4	67.6	76	59.3	55	1957
5	63.2	17.3	66.8	73	59.6	55	1949
6	63.5	17.5	67.2	74	59.7	55	1946
7	63.5	17.5	67.3	78	59.6	55	1973
8	63.0	17.2	66.4	72	59.7	54	1947
9	63.2	17.3	67.0	73	59.5	56	1974
10	63.5	17.5	67.5	73	59.6	55	1946
11	64.0	17.8	68.1	75	60.0	56	1946
12	63.7	17.6	67.6	75	59.7	56	1956
13	64.0	17.8	68.1	75	59.9	55	1956
14	64.2	17.9	68.4	76	59.9	56	1959
15	64.4	18.0	68.5	77	60.4	56	1974
16	64.5	18.1	68.4	76	60.5	57	1946
17	65.0	18.3	69.5	93	60.6	57	1957
18	65.5	18.6	69.8	97	61.3	57	1957
19	65.5	18.6	70.1	88	61.0	56	1957
20	65.5	18.6	69.9	88	61.2	57	1973
21	65.3	18.5	69.6	88	61.1	56	1973
22	65.4	18.6	69.5	78	61.3	58	1960
23	65.6	18.7	69.9	82	61.2	57	1976
24	65.2	18.4	69.2	74	61.2	57	1974
25	65.6	18.7	70.0	84	61.2	57	1976
26	65.8	18.8	70.4	91	61.2	55	1976
27	66.3	19.1	70.9	91	61.8	55	1976
28	66.2	19.0	70.7	84	61.8	57	1974
29	66.3	19.1	70.9	78	61.7	55	1976
30	66.6	19.2	71.6	82	61.6	58	1960
31							
Monthly	64.6	18.1	68.7	97	60.4	54	1957
							1950*

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET-SMOS

DAILY AVERAGE/EXTREME TEMPERATURES

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

93112

SAN DIEGO, CALIFORNIA

1945-1977

JULY

STATION

STATION NAME

YEARS

MONTH

DAY	MEAN TEMP		AVERAGE		MAXIMUM TEMP		EXTREME		AVERAGE		EXTREME		DATE
	° F	° C	° F	° C	° F	° C	° F	° C	° F	° C	° F	° C	
1	66.4	19.1	70.9	21.6	78	25.6	78	25.6	62.0	16.7	58	14.4	1961
2	66.8	19.3	71.3	21.8	78	25.6	78	25.6	62.3	16.8	58	14.4	1952
3	66.8	19.3	71.3	21.8	86	30.0	86	30.0	62.2	16.8	58	14.4	1975*
4	66.9	19.4	71.4	21.9	90	32.2	90	32.2	62.4	16.9	57	13.9	1975
5	66.9	19.4	71.3	21.8	76	24.4	76	24.4	62.3	16.9	59	15.0	1952*
6	67.1	19.5	71.7	22.1	79	26.1	79	26.1	62.3	16.9	59	15.0	1952
7	67.7	19.8	72.6	22.6	81	27.2	81	27.2	62.8	17.1	59	15.0	1952
8	67.8	19.9	72.6	22.6	83	29.4	83	29.4	63.0	17.2	59	15.0	1960
9	67.6	19.8	72.4	22.4	80	26.7	80	26.7	62.8	17.1	57	13.9	1948
10	68.4	20.2	73.3	23.1	90	32.2	90	32.2	63.4	17.4	59	15.0	1963
11	68.4	20.2	73.1	22.8	86	30.0	86	30.0	63.8	17.7	58	14.4	1963
12	68.2	20.1	72.3	22.3	83	28.3	83	28.3	63.9	17.7	60	15.6	1975*
13	68.1	20.1	72.3	22.3	78	25.6	78	25.6	63.7	17.6	59	15.0	1947
14	68.0	20.0	72.2	22.3	79	26.1	79	26.1	63.9	17.7	59	15.0	1948
15	68.0	20.0	72.0	22.2	80	26.7	80	26.7	64.1	17.8	60	15.6	1962
16	67.8	19.9	71.7	22.1	82	27.8	82	27.8	63.9	17.7	60	15.6	1952*
17	68.4	20.2	72.7	22.6	82	27.8	82	27.8	64.2	17.9	60	15.6	1948
18	69.1	20.6	74.1	23.4	82	27.8	82	27.8	64.1	17.8	59	15.0	1952
19	69.4	20.8	73.8	23.2	87	30.6	87	30.6	64.9	18.3	60	15.6	1952*
20	69.3	20.8	73.3	23.1	88	31.1	88	31.1	65.4	18.6	60	15.6	1948
21	69.2	20.7	73.4	23.0	83	28.3	83	28.3	64.9	18.3	60	15.6	1964*
22	68.9	20.5	72.8	22.7	84	28.9	84	28.9	64.9	18.3	61	16.1	1973*
23	69.3	20.7	73.7	23.2	88	31.1	88	31.1	64.9	18.3	59	15.0	1975*
24	69.2	20.7	73.5	23.1	81	27.2	81	27.2	65.0	18.3	59	15.0	1975
25	69.5	20.8	73.9	23.3	82	27.8	82	27.8	65.1	18.4	61	16.1	1975*
26	70.2	21.2	74.7	23.7	83	28.3	83	28.3	65.7	18.7	60	15.6	1975
27	70.8	21.6	75.3	24.1	85	29.4	85	29.4	66.2	19.0	62	16.7	1963*
28	70.7	21.5	75.2	24.0	89	31.7	89	31.7	66.2	19.0	62	16.7	1963*
29	70.5	21.4	74.7	23.7	90	32.2	90	32.2	66.2	19.0	62	16.7	1963
30	70.8	21.6	75.2	24.0	86	30.0	86	30.0	66.3	19.1	62	16.7	1962*
31	70.7	21.5	75.3	24.1	85	29.4	85	29.4	66.2	19.0	62	16.7	1962
Monthly	68.6	20.3	73.1	22.8	90	32.2	90	32.2	64.2	17.9	57	13.9	1975*

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET-SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

93112

SAN DIEGO, CALIFORNIA

1945-1977

AUGUST

STATION

STATION NAME

YEARS

MONTH

DAY	MEAN TEMP		AVERAGE		MAXIMUM TEMP		MINIMUM TEMP		DATE
	° F	° C	° F	° C	° F	° C	° F	° C	
1	70.7	21.5	75.3	24.1	87	30.6	66.0	18.9	1971
2	70.5	21.4	75.4	24.1	83	28.3	65.7	18.7	1966
3	69.7	20.9	74.1	23.4	80	26.7	65.3	18.5	1945
4	69.9	21.1	74.2	23.4	83	28.3	65.5	18.6	1971
5	70.4	21.3	75.0	23.9	87	30.6	65.8	18.8	1961
6	70.4	21.3	74.9	23.8	89	31.7	65.9	18.8	1971
7	70.6	21.4	75.3	24.1	86	30.0	65.9	18.8	1969
8	70.8	21.6	75.5	24.2	83	28.3	66.2	19.0	1971
9	70.6	21.4	75.1	23.9	84	28.9	66.1	18.9	1965
10	70.5	21.4	75.0	23.9	85	29.4	66.1	18.9	1969
11	70.3	21.3	74.3	23.5	81	27.2	66.3	19.1	1971*
12	70.6	21.4	74.9	23.8	86	30.0	66.4	19.1	1965
13	70.4	21.3	74.5	23.6	83	29.4	66.3	19.1	1965
14	70.1	21.2	74.2	23.4	81	27.2	65.9	18.8	1965
15	70.3	21.3	74.8	23.8	84	28.9	65.8	18.8	1965
16	70.5	21.4	74.9	23.8	81	27.2	66.1	18.9	1977
17	70.0	21.1	74.2	23.4	82	27.8	65.7	18.7	1945
18	69.9	21.1	74.1	23.4	79	26.1	65.8	18.8	1976*
19	70.3	21.3	74.7	23.7	81	27.2	66.0	18.9	1973
20	70.2	21.2	74.5	23.6	83	28.3	65.9	18.8	1973*
21	70.2	21.2	74.6	23.7	84	28.9	65.7	18.7	1969
22	70.0	21.1	74.5	23.6	92	33.3	65.5	18.6	1972
23	70.1	21.2	74.5	23.6	86	30.0	65.6	18.7	1968
24	70.0	21.1	74.6	23.7	82	27.8	65.3	18.5	1969
25	69.9	21.1	74.3	23.5	79	26.1	65.5	18.6	1968*
26	69.9	21.1	74.2	23.4	81	27.2	65.5	18.6	1968
27	69.9	21.1	74.5	23.6	87	30.6	65.4	18.6	1949
28	69.8	21.0	74.2	23.4	84	28.9	65.4	18.6	1968
29	69.7	20.9	74.3	23.5	83	28.3	65.1	18.4	1976
30	70.0	21.1	74.8	23.8	90	32.2	65.1	18.4	1976
31	70.0	21.1	75.1	23.9	91	32.8	65.0	18.3	1967
Monthly	70.2	21.2	74.7	23.7	92	33.3	65.7	18.7	1972

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET-SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

25 DAILY AVERAGE/EXTREME TEMP MAR 1978

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

1945-1977
YEARS

SEPTEMBER
MONTH

DAY	MEAN TEMP		MAXIMUM TEMP				MINIMUM TEMP					
	AVERAGE		AVERAGE		EXTREME		AVERAGE		EXTREME			
	° F	° C	° F	° C	° F	° C	° F	° C	° F	° C		
1	70.7	21.5	75.5	24.2	96	35.6	18.8	65.9	18.8	60	15.6	1951
2	71.0	21.7	76.1	24.5	97	36.1	18.8	65.8	18.8	60	15.6	1951
3	70.6	21.4	75.5	24.2	88	31.1	18.8	65.8	18.8	60	15.6	1951
4	70.5	21.4	75.5	24.2	90	32.2	18.6	65.5	18.6	57	13.9	1951
5	70.0	21.1	75.1	23.9	85	29.4	18.3	65.0	18.3	58	14.4	1951
6	70.1	21.2	75.0	23.9	84	28.9	18.4	65.2	18.4	59	15.0	1970
7	70.4	21.3	75.8	24.3	90	32.2	18.3	65.0	18.3	58	14.4	1956
8	70.0	21.1	74.8	23.8	90	32.2	18.4	65.2	18.4	58	14.4	1963
9	69.9	21.1	75.1	23.9	90	32.2	18.2	64.8	18.2	58	14.4	1961*
10	70.3	21.3	75.4	24.1	87	30.6	18.4	65.1	18.4	60	15.6	1961*
11	70.5	21.4	75.7	24.3	98	36.7	18.5	65.3	18.5	60	15.6	1952
12	69.9	21.1	74.7	23.7	90	32.2	18.4	65.1	18.4	57	13.9	1952
13	69.5	20.8	74.5	23.6	91	32.8	18.1	64.5	18.1	59	15.0	1952*
14	68.3	20.2	72.8	22.7	80	26.7	17.6	63.7	17.6	57	13.9	1966
15	68.3	20.2	72.9	22.7	81	27.2	17.6	63.7	17.6	58	14.4	1970
16	68.4	20.2	72.6	22.6	83	28.3	17.9	64.2	17.9	59	15.0	1970
17	68.4	20.2	72.7	22.6	82	27.8	17.8	64.1	17.8	60	15.6	1954*
18	68.5	20.3	73.2	22.9	87	30.6	17.7	63.8	17.7	60	15.6	1954
19	68.2	20.1	73.3	22.9	86	30.0	17.3	63.2	17.3	58	14.4	1970*
20	68.2	20.1	73.4	23.0	82	27.8	17.3	63.1	17.3	57	13.9	1954
21	68.0	20.0	72.5	22.5	85	29.4	17.5	63.5	17.5	57	13.9	1954
22	68.5	20.3	73.8	23.2	82	27.8	17.3	63.2	17.3	58	14.4	1953
23	68.4	20.2	73.8	23.2	102	38.9	17.3	63.1	17.3	57	13.9	1953
24	68.7	20.4	74.4	23.6	95	35.0	17.2	63.0	17.2	56	13.3	1953*
25	68.3	20.2	73.5	23.1	88	31.1	17.2	63.0	17.2	58	14.4	1953*
26	68.8	20.4	74.8	23.8	108	42.2	17.1	62.8	17.1	54	12.2	1948
27	69.0	20.6	74.5	23.6	101	38.3	17.5	63.5	17.5	57	13.9	1948
28	69.0	20.6	74.8	23.8	98	36.7	17.3	63.2	17.3	56	13.3	1971
29	68.5	20.3	73.6	23.1	87	30.6	17.4	63.3	17.4	56	13.3	1948
30	67.9	19.9	72.9	22.7	87	30.6	17.1	62.8	17.1	56	13.3	1951
31												
Monthly	69.2	20.7	74.3	23.5	108	42.2	17.9	64.2	17.9	54	12.2	1948

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET-SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

93112

SAN DIEGO, CALIFORNIA

1945-1977

OCTOBER

STATION

STATION NAME

YEARS

MONTH

DAY	MEAN TEMP		AVERAGE		MAXIMUM TEMP		AVERAGE		EXTREME		DATE		AVERAGE		MINIMUM TEMP		EXTREME		DATE	
	° F	° C	° F	° C	° F	° C	° F	° C	° F	° C			° F	° C	° F	° C				
1	67.2	19.6	72.2	22.3	88	31.1	1965	62.2	16.8	34	12.2	1971	62.2	16.8	34	12.2	1971			
2	67.5	19.7	72.9	22.7	92	33.3	1945	62.1	16.7	34	12.2	1971	62.1	16.7	34	12.2	1971			
3	67.5	19.7	73.4	23.0	87	30.6	1953	61.7	16.5	36	13.3	1971*	61.7	16.5	36	13.3	1971*			
4	67.8	19.9	73.7	23.2	92	33.3	1953	61.8	16.6	37	13.9	1957*	61.8	16.6	37	13.9	1957*			
5	67.7	19.8	73.3	22.9	94	34.4	1971	62.0	16.7	36	13.3	1957	62.0	16.7	36	13.3	1957			
6	68.0	20.0	73.8	23.2	98	36.7	1971	62.2	16.8	34	12.2	1955	62.2	16.8	34	12.2	1955			
7	67.7	19.8	73.6	23.1	89	31.7	1951	61.8	16.6	35	12.8	1957*	61.8	16.6	35	12.8	1957*			
8	66.9	19.4	72.7	22.6	90	32.2	1976	61.0	16.1	34	12.2	1975*	61.0	16.1	34	12.2	1975*			
9	66.1	18.9	71.6	22.0	93	33.9	1976	60.6	15.9	31	10.6	1975	60.6	15.9	31	10.6	1975			
10	66.2	19.0	71.8	22.1	94	34.4	1971	60.5	15.8	32	11.1	1949	60.5	15.8	32	11.1	1949			
11	65.7	18.7	71.2	21.8	87	30.6	1971	60.2	15.7	34	12.2	1960	60.2	15.7	34	12.2	1960			
12	65.8	18.8	71.3	21.8	82	27.8	1950	60.2	15.7	34	12.2	1960	60.2	15.7	34	12.2	1960			
13	65.9	18.8	71.6	22.0	83	28.3	1961*	60.2	15.7	35	12.8	1975*	60.2	15.7	35	12.8	1975*			
14	66.1	18.9	71.8	22.1	106	41.1	1961	60.3	15.7	34	12.2	1975	60.3	15.7	34	12.2	1975			
15	66.6	19.3	72.6	22.6	96	35.6	1961	60.9	16.1	34	12.2	1960	60.9	16.1	34	12.2	1960			
16	66.2	19.0	72.2	22.3	92	33.3	1974*	60.1	15.6	34	12.2	1971*	60.1	15.6	34	12.2	1971*			
17	66.1	18.9	72.1	22.3	94	34.4	1958	60.2	15.7	32	11.1	1971*	60.2	15.7	32	11.1	1971*			
18	65.6	18.7	71.4	21.9	88	31.1	1958	59.9	15.5	30	10.0	1971	59.9	15.5	30	10.0	1971			
19	65.6	18.7	71.9	22.2	93	33.9	1964	59.2	15.1	30	10.0	1949	59.2	15.1	30	10.0	1949			
20	64.6	18.1	70.3	21.3	95	35.0	1964	58.9	14.9	47	8.3	1949	58.9	14.9	47	8.3	1949			
21	64.8	18.2	70.5	21.4	98	36.7	1965	59.1	15.1	47	8.3	1949	59.1	15.1	47	8.3	1949			
22	64.6	18.1	70.4	21.3	102	38.9	1965	58.8	14.9	49	9.4	1949	58.8	14.9	49	9.4	1949			
23	64.9	18.3	70.4	21.3	92	33.3	1965	59.3	15.2	32	11.1	1949	59.3	15.2	32	11.1	1949			
24	64.6	18.1	71.1	21.7	92	33.3	1965	58.1	14.5	31	10.6	1975	58.1	14.5	31	10.6	1975			
25	64.6	18.1	71.5	21.9	88	31.1	1966	57.7	14.3	30	10.0	1971	57.7	14.3	30	10.0	1971			
26	64.0	17.8	69.9	21.1	80	26.7	1965	58.1	14.5	32	11.1	1975*	58.1	14.5	32	11.1	1975*			
27	64.3	17.9	70.2	21.2	86	30.0	1965	58.5	14.7	33	11.7	1968	58.5	14.7	33	11.7	1968			
28	64.2	17.9	70.7	21.5	92	33.3	1973	57.6	14.2	30	10.0	1949	57.6	14.2	30	10.0	1949			
29	63.6	17.6	70.4	21.3	82	27.8	1965	56.8	13.8	48	8.9	1971	56.8	13.8	48	8.9	1971			
30	64.0	17.8	71.3	21.8	91	32.8	1973	56.7	13.7	42	5.6	1971	56.7	13.7	42	5.6	1971			
31	62.5	16.9	69.4	20.8	82	27.8	1969*	55.5	13.1	46	7.8	1971	55.5	13.1	46	7.8	1971			
Monthly	65.7	18.7	71.7	22.1	106	41.1	1961	59.8	15.4	42	5.6	1971	59.8	15.4	42	5.6	1971			

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET-SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

93112

SAN DIEGO, CALIFORNIA

1945-1977

NOVEMBER

STATION

STATION NAME

YEARS

MONTH

DAY	MEAN TEMP		AVERAGE		MAXIMUM TEMP		AVERAGE		MINIMUM TEMP		DATE
	° F	° C	° F	° C	° F	° C	° F	° C	° F	° C	
1	63.6	17.6	70.7	21.5	95	35.0	56.5	13.6	49	9.4	1971
2	63.7	17.6	70.8	21.6	87	30.6	56.5	13.6	49	9.4	1971*
3	63.4	17.4	70.8	21.6	89	31.7	55.9	13.3	50	10.0	1946
4	63.6	17.6	70.7	21.5	93	33.9	56.4	13.6	48	8.9	1956
5	63.2	17.3	70.2	21.2	89	31.7	56.2	13.4	49	9.4	1956*
6	63.4	17.4	70.8	21.6	84	28.9	56.0	13.3	48	8.9	1957
7	62.2	16.8	68.8	20.4	84	28.9	55.6	13.1	48	8.9	1957
8	62.1	16.7	68.9	20.5	83	28.3	55.3	12.9	50	10.0	1948*
9	62.5	16.9	69.7	20.9	89	31.7	55.3	12.9	48	8.9	1945
10	62.1	16.7	69.0	20.6	85	29.4	55.2	12.9	48	8.9	1947
11	61.8	16.6	68.6	20.3	83	28.3	54.9	12.7	48	8.9	1950
12	61.5	16.4	68.1	20.1	88	31.1	54.8	12.7	45	7.2	1950
13	61.7	16.5	68.2	20.1	85	29.4	55.1	12.8	46	7.8	1947
14	60.7	15.9	66.8	19.3	81	27.2	54.7	12.6	45	7.2	1964
15	59.8	15.4	65.6	18.7	81	27.2	53.9	12.2	40	4.4	1964
16	59.7	15.4	66.0	18.9	78	25.6	53.4	11.9	43	6.1	1958
17	59.8	15.4	66.7	19.3	85	29.4	52.9	11.6	41	5.0	1958
18	59.5	15.3	66.5	19.2	81	27.2	52.6	11.4	44	6.7	1958
19	59.6	15.3	66.5	19.2	77	25.0	52.7	11.5	43	6.1	1964
20	59.7	15.4	66.5	19.2	79	26.1	52.9	11.6	44	6.7	1964
21	59.7	15.4	66.7	19.3	80	26.7	52.7	11.5	43	7.2	1953*
22	58.9	14.9	66.0	18.9	78	25.6	51.7	10.9	46	7.8	1963
23	58.7	14.8	66.4	19.1	78	25.6	51.0	10.6	42	5.6	1947
24	59.1	15.1	67.4	19.7	85	29.4	50.8	10.4	43	6.1	1952*
25	59.4	15.2	66.6	19.2	88	31.1	52.2	11.2	45	7.2	1952*
26	59.8	15.4	66.8	19.3	89	31.7	52.8	11.6	46	7.8	1951
27	59.2	15.1	66.7	19.3	80	26.7	51.6	10.9	45	7.2	1952*
28	58.8	14.9	66.2	19.0	81	27.2	51.3	10.7	44	6.7	1976
29	59.3	15.2	67.3	19.6	84	28.9	51.4	10.8	45	7.2	1975
30	58.9	14.9	66.1	18.9	84	28.9	51.7	10.9	43	6.1	1975
31											
Monthly	60.8	16.0	67.9	19.9	95	35.0	53.8	12.1	40	4.4	1964

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET-SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

5725 DAILY AVERAGE/EXTREME TEMP MAR 1978

93112

SAN DIEGO, CALIFORNIA

1945-1977

DECEMBER

STATION

STATION NAME

YEARS

MONTH

DAY	MEAN TEMP		AVERAGE		MAXIMUM TEMP		AVERAGE		EXTREME		DATE		AVERAGE		MINIMUM TEMP		EXTREME		DATE	
	° F	° C	° F	° C	° F	° C	° F	° C	° F	° C			° F	° C	° F	° C				
1	58.7	14.8	65.9	18.8	82	27.8	19.7	19.7	67	19.7	1977	1977	51.5	10.8	45	7.2	1975	1975	7.2	1975
2	58.5	14.7	65.8	18.8	83	28.3	19.6	19.6	67	19.6	1969	1969	51.3	10.7	43	6.1	1946	1946	6.1	1946
3	57.8	14.3	65.2	18.4	79	26.1	19.5	19.5	76	24.4	1958	1958	50.5	10.3	46	7.8	1973*	1973*	7.8	1973*
4	57.8	14.3	64.2	17.9	76	24.4	19.5	19.5	76	24.4	1965*	1965*	51.3	10.7	45	7.2	1973	1973	7.2	1973
5	57.8	14.3	64.6	18.1	84	28.9	19.5	19.5	84	28.9	1965	1965	50.9	10.5	41	5.0	1948	1948	5.0	1948
6	57.5	14.2	64.5	18.1	77	25.0	19.5	19.5	77	25.0	1965	1965	50.5	10.3	44	6.7	1968	1968	6.7	1968
7	56.8	13.8	64.1	17.8	75	23.9	19.5	19.5	75	23.9	1973*	1973*	49.6	9.8	40	4.4	1951	1951	4.4	1951
8	56.9	13.8	64.2	17.9	80	26.7	19.5	19.5	80	26.7	1957	1957	49.6	9.8	41	5.0	1971*	1971*	5.0	1971*
9	56.8	13.8	63.9	17.7	80	26.7	19.5	19.5	80	26.7	1973	1973	49.6	9.8	37	2.8	1951	1951	2.8	1951
10	56.6	13.7	63.8	17.7	81	27.2	19.5	19.5	81	27.2	1973	1973	49.5	9.7	45	7.2	1956*	1956*	7.2	1956*
11	56.7	13.7	63.8	17.7	81	27.2	19.5	19.5	81	27.2	1958	1958	49.5	9.7	43	6.1	1949*	1949*	6.1	1949*
12	56.7	13.7	64.1	17.8	76	24.4	19.5	19.5	76	24.4	1952	1952	49.3	9.6	40	4.4	1972*	1972*	4.4	1972*
13	56.4	13.6	64.0	17.8	76	24.4	19.5	19.5	76	24.4	1976*	1976*	48.8	9.3	40	4.4	1967*	1967*	4.4	1967*
14	56.3	13.5	63.6	17.6	77	25.0	19.5	19.5	77	25.0	1953	1953	48.9	9.4	40	4.4	1967	1967	4.4	1967
15	56.2	13.4	63.2	17.3	78	25.6	19.5	19.5	78	25.6	1958	1958	49.1	9.5	41	5.0	1967	1967	5.0	1967
16	56.7	13.7	64.4	18.0	77	25.0	19.5	19.5	77	25.0	1974	1974	49.1	9.5	42	5.6	1972	1972	5.6	1972
17	56.8	13.8	64.1	17.8	77	25.0	19.5	19.5	77	25.0	1956	1956	49.6	9.8	42	5.6	1975	1975	5.6	1975
18	56.3	13.5	63.2	17.3	74	23.3	19.5	19.5	74	23.3	1974	1974	49.5	9.7	43	6.1	1968	1968	6.1	1968
19	57.0	13.9	64.2	17.9	77	25.0	19.5	19.5	77	25.0	1973	1973	49.8	9.9	44	6.7	1946	1946	6.7	1946
20	57.0	13.9	64.6	18.1	78	25.6	19.5	19.5	78	25.6	1977	1977	49.3	9.6	43	6.1	1949*	1949*	6.1	1949*
21	56.0	13.3	62.6	17.0	72	22.2	19.5	19.5	72	22.2	1960*	1960*	49.5	9.7	38	3.3	1968*	1968*	3.3	1968*
22	56.2	13.4	62.4	16.9	74	23.3	19.5	19.5	74	23.3	1960	1960	50.1	10.1	41	5.0	1968*	1968*	5.0	1968*
23	56.4	13.6	63.1	17.3	72	22.2	19.5	19.5	72	22.2	1967	1967	49.7	9.8	43	6.1	1970	1970	6.1	1970
24	56.1	13.4	63.1	17.3	71	21.7	19.5	19.5	71	21.7	1950*	1950*	49.1	9.5	41	5.0	1948	1948	5.0	1948
25	56.0	13.3	63.3	17.4	79	26.1	19.5	19.5	79	26.1	1972	1972	48.8	9.3	39	3.9	1974	1974	3.9	1974
26	56.2	13.4	63.0	17.2	74	23.3	19.5	19.5	74	23.3	1976*	1976*	49.4	9.7	40	4.4	1953	1953	4.4	1953
27	55.7	13.2	62.7	17.1	75	23.9	19.5	19.5	75	23.9	1956	1956	48.7	9.3	42	5.6	1974	1974	5.6	1974
28	55.3	12.9	61.8	16.6	75	23.9	19.5	19.5	75	23.9	1975	1975	48.8	9.3	39	3.9	1954	1954	3.9	1954
29	55.5	13.1	62.8	17.1	85	29.4	19.5	19.5	85	29.4	1963	1963	48.2	9.0	40	4.4	1954	1954	4.4	1954
30	54.7	12.6	62.2	16.8	79	26.1	19.5	19.5	79	26.1	1963	1963	47.1	8.4	41	5.0	1954*	1954*	5.0	1954*
31	55.1	12.8	62.6	17.0	78	25.6	19.5	19.5	78	25.6	1968	1968	47.5	8.6	40	4.4	1947	1947	4.4	1947
Monthly	56.6	13.7	63.7	17.6	85	29.4	19.5	19.5	85	29.4	1963	1963	49.5	9.7	37	2.8	1951	1951	2.8	1951

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET-SMOS

EXTREME VALUES

MAXIMUM TEMPERATURE (FROM DAILY OBSERVATIONS)

45-77

SAN DIEGO, CALIFORNIA

93112

STATION NAME

YEARS

WHOLE DEGREES FAHRENHEIT

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
45	72	68	74	73	76	70	80	82	85	92	85	70	87
46	70	76	83	89	77	72	79	82	87	82	71	77	89
47	74	72	69	82	76	70	76	76	79	76	75	72	
48	66	69	64	80	79	79	75	87	89	82	88	76	
49	69	70	82	79	69	75	78	76	76	83	88	83	
50	76	72	80	69	74	76	84	78	82	89	81	65	89
51	74	79	80	73	74	72	82	84	86	74	84	76	86
52	79	79	78	67	92	74	80	77	83	92	80	77	85
53	70	85	68	67	74	74	81	82	85	75	80	75	97
54	74	74	76	75	79	75	77	86	97	77	78	71	92
55	69	64	72	70	92	77	76	81	90	80	89	77	97
56	77	77	74	77	70	97	90	83	80	79	77	80	94
57	75	75	67	87	78	76	79	83	90	94	77	81	98
58	72	69	84	81	72	77	90	84	98	87	81	79	90
59	74	69	79	88	80	82	85	80	88	90	74	77	106
60	80	77	77	80	71	79	78	87	90	106	82	71	87
61	79	63	70	83	74	73	75	81	83	87	72	71	108
62	78	82	73	72	73	77	77	81	108	80	77	85	95
63	73	75	80	85	72	72	79	80	80	95	84	68	102
64	79	78	71	77	70	70	79	86	87	102	72	84	95
65	73	72	79	78	71	74	76	83	82	88	95	74	92
66	74	77	79	65	92	74	81	91	88	91	78	78	91
67	80	78	84	86	77	78	86	86	91	85	78	78	88
68	88	72	79	81	71	76	81	86	83	84	83	83	101
69	71	79	75	77	89	79	86	83	101	84	81	73	98
70	82	84	73	89	82	78	82	89	91	98	76	66	92
71	73	73	72	75	78	73	90	92	85	89	77	80	95
72	78	76	69	80	84	88	76	83	93	92	83	81	92
73	76	83	71	82	75	84	88	76	84	92	88	77	92
74													
MEAN													
S. D.													
TOTAL OBS.													

MAXIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

SAN DIEGO, CALIFORNIA

STATION
93112

YEARS

WHOLE DEGREES FAHRENHEIT

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
	75	73	71	69	69	71	79	75	102	83	85	76	
76	85	78	80	73	73	91	79	90	90	93	93	76	93
77	86	83	75	76	71	73	83	81	82	82	89	82	89
		</											

NAVWEASERVCOM

MAXIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

43-77

YEARS

WHOLE DEGREES FAHRENHEIT
/BASED ON LESS THAN FULL MONTHS/

[illegible]

NAVWEASERVCOM

EXTREME VALUES

MINIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

93112 STATION SAN DIEGO, CALIFORNIA

45-77

STATION NAME

YEARS

WHOLE DEGREES FAHRENHEIT

5723 Extreme Values Jan 1969

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
45				44	52	54	60	61	56	55	46		
46	41	39	44	50	55	59	61	62	60	49	48	43	39
47	39	47	47	52	55	59	59	61	60	58	42	40	39
48	40	40	44	46	53	55	57	60	54		45	41	
49	30	38	44	48	51	56	60	59	58	47		38	
50	38	39	45	49		54	60	60	58	54	45		
51	41	43	42	47	51	58	60	59	56	54	45	37	37
52	37	44	42	49	55	55	58	62	57	57	43	44	37
53	44	39	41	44	51	55	60	62	56	52		40	
54	43	46	45	52	52	55	61	62	57	52	49	39	39
55	40	39	46	47	50	56	60	62	58	52	45	41	39
56	44	38	44	45	54	57	62	62	58	49	47	44	38
57	43	45	45	48	55	59	63	61	60	54	46	48	43
58	42	47	43	47	56	59	61	64	59	56	41	45	41
59	47	43	48	55	52	60	65	62	61	54	51	42	42
60	38	40	47	46	47	55	58	60	60	54	45	39	38
61	44	47	48	50	54	58	58	62	58	54	48	43	43
62	40	41	44	51	50	56	59	61	59	53	47	42	40
63	32	50	45	47	53	55	60	63	64	56	46	43	32
64	41	42	42	49	50	55	59	62	59	54	40	43	40
65	41	40	47	45	51	55	58	62	58	54	49	44	40
66	37	38	43	52	57	58	62	65	57	54	48	42	37
67	43	45	47	49	51	56	62	64	65	56	51	40	40
68	45	50	49	52	53	57	62	60	58	53	48	38	38
69	42	44	45	49	52	58	62	66	62	53	50	43	42
70	42	47	49	48	54	58	62	64	58	52	51	43	42
71	35	44	44	49	53	55	61	64	56	42	47	41	35
72	39	44	49	47	54	59	60	62	60	51	48	40	39
73	35	46	45	48	54	57	60	61	61	55	46	45	35
74	44	44	46	51	53	55	62	61	61	54	49	39	39
MEAN													
S. D.													
TOTAL OBS.													

NAVWEASERVCOM

MINIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

SAN DIEGO, CALIFORNIA

93112

YEARS

WHOLE DEGREES FAHRENHEIT

[illegible]

NAVWEASERVCOM

MINIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

STATION	STATION NAME	YEARS
93112	SAN DIEGO, CALIFORNIA	45-77

WHOLE DEGREES FAHRENHEIT
/BASED ON LESS THAN FULL MONTHS/

[illegible]

NAVWEASERVCOM

PSYCHROMETRIC SUMMARY

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

73-77

YEARS

JAN
MONTH

PAGE 1
HOURS (L.S.T.)

5700 PSYCHROMETRIC SUMMARY JAN 68

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL																									
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	Dry Bulb	Wet Bulb	Dew Point																									
86/ 85															.1			1																											
82/ 81														.1				1																											
80/ 79													.1	.2				3																											
78/ 77												.1	.2	.3				7																											
76/ 75										.1	.1	.1	.6	.1				3																											
74/ 73								.1	.1	.1	.1	.2	.1					11																											
72/ 71							.1	.2	.1	.1	.1	.2						7																											
70/ 69							.2	.3	.3	.2	.3	.1						14																											
68/ 67					.1	.2	.5	.6	.6	.4	.3							23																											
66/ 65		.1	.1	.3	.3	.4	.6	.7	.7	.5	.4							35																											
64/ 63		.2	.6	1.0	.9	.4	.6	.6	.4	.5	.2							57	1	1																									
62/ 61	.2	.3	2.3	2.3	2.1	.6	.6	.9	.2	.2								77	1																										
60/ 59	.2	.3	2.3	2.3	1.8	1.4	.6	.9	.2	.1								124	18	4																									
58/ 57	.2	2.1	3.4	2.9	2.0	1.5	.8	.5	.2									169	48	10																									
56/ 55		1.6	5.3	3.8	1.5	1.3	.4	.2	.1									176	105	28																									
54/ 53		2.3	6.4	2.3	1.4	.8	.2	.1										144	169	56																									
52/ 51	.3	3.0	2.7	.8	1.6	.3	.2	.1										113	190	96																									
50/ 49		2.4	2.3	1.5	.6	.3	.2	.1										91	219	143																									
48/ 47	.2	1.3	2.5	1.5	1.0	.2												82	142	138																									
46/ 45	.2	.8	1.6	1.2	.6	.2												56	114	126																									
44/ 43		.2	.9	.9	.2	.2												30	92	93																									
42/ 41		.2		.2	.1	.1												8	61	85																									
40/ 39	.1	.2	.1		.2													6	45	89																									
38/ 37			.2															2	20	65																									
36/ 35																			9	58																									
34/ 33																			4	61																									
32/ 31																			2	49																									
30/ 29																				36																									
28/ 27																				37																									
26/ 25																				13																									
24/ 23																				24																									
22/ 21																				10																									
20/ 19																				6																									
18/ 17																				3																									
Element (X)	ΣX^2																		ΣX	\bar{X}	No. Obs.					Mean No. of Hours with Temperature																			
Rel. Hum.																					≤ 0 F					≥ 73 F					≥ 80 F					≥ 93 F					Total				
Dry Bulb																																													
Wet Bulb																																													
Dew Point																																													

JAN
MONTH

MONTH

PAGE 2

WEEK 6
HOURS (L.S.T.)

05 PSYCHROMETRIC SUMMA-7 JAN 68

[illegible]

NAVWEASERVCOM

PSYCHROMETRIC SUMMARY

93112

SAN DIEGO, CALIFORNIA

73-77

YEARS

FEB

MONTH

PAGE 1

hours (L.S.T.)

1965

PSYCHROMETRIC SUMMARY JAN 68

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL												
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Wet Bulb	Dew Point											
84/ 83														.1				1	1												
82/ 81														.1				1	1												
80/ 79														.2				2	2												
76/ 75														.2				6	6												
74/ 73																		9	9												
72/ 71														.1				8	8												
70/ 69						.1	.1	.3	.3	.2	.4	.2						15	15												
68/ 67					.3	.4	.5	.6	.5	.3	.2	.2						28	28												
66/ 65					.5	1.7	1.7	.7	.4	.4	.2	.2						46	46												
64/ 63		.1	.1	.5	1.7	1.7	.4	.7	.3	.1	.1							63	63												
62/ 61	.1	.1	.8	2.7	3.0	.9	.5	.4	.4	.1								101	101	2											
60/ 59	.1	1.3	2.7	4.5	2.6	1.2	.6	.5	.2	.2								156	156	8											
58/ 57		1.2	4.5	4.3	1.6	.7	.4	.6	.1	.1								153	153	55											
56/ 55	.1	3.3	6.1	3.8	1.3	.4	.5	.3	.2									181	181	149											
54/ 53	.8	3.7	4.3	3.5	.8	.3	.3											154	154	248											
52/ 51	.4	2.1	2.9	1.0	1.3	.4	.2											93	93	221											
50/ 49		1.2	2.1	.8	.9	.1	.1	.1										60	60	159											
48/ 47		.7	.7	.8	.7	.1	.1											35	35	123											
46/ 45			.4	.4	.1													10	10	65											
44/ 43			.2	.1	.2	.1												6	6	38											
42/ 41																				39											
40/ 39																				71											
38/ 37																				50											
36/ 35																				13											
34/ 33																				4											
32/ 31																				4											
30/ 29																				35											
28/ 27																				36											
26/ 25																				27											
24/ 23																				31											
22/ 21																				20											
20/ 19																				25											
18/ 17																				9											
16/ 15																				12											
																				3											
																				7											
																				4											
																				1											
Element (X)	ΣX^2																ΣX		\bar{X}		σ_x		No. Obs.		Mean No. of Hours with Temperature					Total	
Rel. Hum.																															
Dry Bulb																															
Wet Bulb																															
Dew Point																															

93112
STATIONSAN DIEGO, CALIFORNIA
STATION NAME

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YEARS

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PSYCHROMETRIC SUMMARY

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)										TOTAL		TOTAL		Dew Point							
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb		
78/ 77												.1						1	1			
74/ 73												.1	.1					3	3			
72/ 71												.1	.1					7	7			
70/ 69												.1	.1					8	8			
68/ 67												.1	.1					12	12			
66/ 65												.1	.1					29	29			
64/ 63												.1	.1					63	63			
62/ 61												.1	.1					124	124	2		
60/ 59												.1	.1					196	196	12		
58/ 57												.1	.1					248	248	58		
56/ 55												.1	.1					233	233	151		
54/ 53												.1	.1					126	126	237		
52/ 51												.1	.1					98	98	243		
50/ 49												.1	.1					54	54	209		
48/ 47												.1	.1					26	26	163		
46/ 45												.1	.1					11	11	87		
44/ 43												.1	.1					1	1	38		
42/ 41												.1	.1							27		
40/ 39												.1	.1							11		
38/ 37												.1	.1							2		
36/ 35												.1	.1							37		
34/ 33												.1	.1							21		
32/ 31												.1	.1							11		
30/ 29												.1	.1							10		
28/ 27												.1	.1							10		
26/ 25												.1	.1							8		
24/ 23												.1	.1							8		
22/ 21												.1	.1							2		
20/ 19												.1	.1							4		
18/ 17												.1	.1							2		
16/ 15												.1	.1							2		
14/ 13												.1	.1							1		
12/ 11												.1	.1							1		
Element (X)	ΣX										\bar{X}		σ_x		No. Obs.		Mean No. of Hours with Temperature					Total
Rel. Hum.																						
Dry Bulb																						
Wet Bulb																						
Dew Point																						

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[illegible]

PSYCHROMETRIC SUMMARY

93112 STATION NAME SAN DIEGO, CALIFORNIA 73-77 YEARS MONTH APR PAGE 1 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL						
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point					
82/ 81													.1					1	1							
80/ 79													.1					1	1							
78/ 77												.1		.1				2	2							
76/ 75												.2	.3					3	3							
74/ 73								.1	.2	.2								6	6							
72/ 71							.2	.1	.2	.1	.1							9	9							
70/ 69						.6	.5	.1	.2	.2								19	19							
68/ 67				.2	.6	.7	.5	.1	.1	.2								28	28							
66/ 65			.2	1.2	.9	.8	.4	.2	.2									47	47							
64/ 63			.2	2.8	2.8	1.7	.6	.2	.1									101	101	1						
62/ 61		.2	1.7	3.0	7.3	1.8	.1	.1										171	171	9						
60/ 59	.2	1.6	4.6	6.3	3.3	1.2	.2											210	210	51	4					
58/ 57	.1	2.4	8.7	8.7	3.7	.8												293	293	111	16					
56/ 55	.4	1.1	4.2	6.7	1.6	.2												170	170	210	79					
54/ 53		.2	2.5	2.4	.4													72	72	330	100					
52/ 51		.2	2.3	1.2	.1													45	45	223	127					
50/ 49		.3	.7															12	12	162	219					
48/ 47																		5	5	77	202					
46/ 45		.2	.2																	22	187					
44/ 43																				3	112					
42/ 41																			1	1	79					
40/ 39																				6	29					
38/ 37																					15					
36/ 35																					7					
34/ 33																					5					
32/ 31																					7					
30/ 29																					5					
28/ 27																					1					
26/ 25																					4					
24/ 23																					1					
22/ 21																					1					
TOTAL	.7	6.725	232.520	8.0	8.0	2.6	.9	1.0	.6	.1	.4	.5	.1					1200	1200	1200	1200					
Element (X)	ΣX ²		ΣX		X̄		σ _x		No. Obs.		Mean No. of Hours with Temperature							TOTAL								
Rel. Hum.	5669550		80934		67.4		13.264		1200		≥ 73 F							≥ 80 F		≥ 93 F		Total				
Dry Bulb	4223130		70978		59.1		4.557		1200		44.4							10.8							720.0	
Wet Bulb	3396393		63721		53.1		3.261		1200																720.0	
Dew Point	2756945		57193		47.7		5.091		1200									11.4							720.0	

Element (X)	Mean No. of Hours with Temperature											Total	
	ΣX ²	ΣX	X̄	σ _x	No. Obs.	≥0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total	
Rel. Hum.	5659350	80934	67.4	13.264	1200								
Dry Bulb	4223130	70978	59.1	4.557	1200			44.4	10.8	.6		720.0	
Wet Bulb	3396393	63721	53.1	3.261	1200							720.0	
Dew Point	2756945	57193	47.7	5.091	1200		11.4					720.0	

PSYCHROMETRIC SUMMARY

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SAN DIEGO, CALIFORNIA

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HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL	
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
84/ 83									.1									1	1			
76/ 75									.1									1	1			
74/ 73				.1		.2	.1	.1										5	5			
72/ 71			.1	.2	.4	.2	.2											13	13			
70/ 69				.3	.7	.5	.2	.1										23	23			
68/ 67			.2	1.2	1.4	.8												45	45	3		
66/ 65			1.2	3.8	3.8	1.0												121	121	3		
64/ 63	.1	1.5	1.9	8.5	4.4	.4	.1											209	209	19	5	
62/ 61	.2	2.9	6.7	10.8	3.3	.2												299	299	80	17	
60/ 59	.2	2.6	12.3	6.0	.6	.2												272	272	165	36	
58/ 57		2.5	8.0	3.3	.6	.1												180	180	326	79	
56/ 55		1.4	2.1	.6	.2													54	54	382	196	
54/ 53		.6	.3	.2	.1													15	15	176	308	
52/ 51		.1		.1														2	2	62	281	
50/ 49																				17	187	
48/ 47																				4	59	
46/ 45																				1	25	
44/ 43																					10	
42/ 41																					11	
40/ 39																					6	
TOTAL	.511	.532	.935	.215	.5	3.5	.6	.2	.2									1240	1240	1240	1240	

Mean No. of Hours with Temperature

No. Obs.

σ_x

\bar{x}

Σx

Σx^2

Element (X)

≥ 80 F

≥ 93 F

≥ 73 F

≥ 67 F

≥ 32 F

≤ 0 F

Total

1240

1240

9.717

74.0

91808

6914336

Rel. Hum.

74.0

744.0

744.0

744.0

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PSYCHROMETRIC SUMMARY

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STATION

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
90/ 89													.1					1	1		
86/ 85										.1	.1							2	2		
84/ 83										.3	.3	.1						5	5		
82/ 81										.2	.2							6	6		
80/ 79										.2	.2							7	7		
78/ 77										.2	.4	.2						13	13		
76/ 75										.6	.1							12	12		
74/ 73										.7	.1							17	17		
72/ 71										.8	.1							43	43		
70/ 69										.5								69	69		4
68/ 67										1.2	.3							104	104	22	
66/ 65										3.0	.7							172	172	43	3
64/ 63										1.2	.1							251	251	97	14
62/ 61										2.8	1.7	.1						280	280	168	37
60/ 59										3.0	9.0	2.5	.2					177	177	297	121
58/ 57										1.2	1.6	.2						36	36	352	267
56/ 55										.4								5	5	177	312
54/ 53																				40	246
52/ 51																					125
50/ 49																					61
48/ 47																					12
46/ 45																					2
TOTAL	.1	9.235	731.7	16.6	3.8	.8	.9	.9	.1	.1	.1	.1	.1					1200	1200	1200	1200
Element (X)	Mean No. of Hours with Temperature																	Total			
Rel. Hum.	No. Obs.																	1200	1200	720.0	
Dry Bulb	σ _x																	9.707	4.607	720.0	
Wet Bulb	X̄																	74.0	64.3	720.0	
Dew Point	ΣX																	88763	77108	720.0	
	ΣX ²																	6678709	4980152	720.0	
																		4200840	70910	720.0	
																		3699627	66529	720.0	
																		66529	3.056	720.0	

Mean No. of Hours with Temperature

No. Obs.

σ_x

\bar{x}

Σx

Σx^2

Element (X)

Total

Rel. Hum.	Dry Bulb	Wet Bulb	Dew Point
6678709	88763	9.707	1200
4980152	77108	4.607	1200
4200840	70910	2.980	1200
3699627	66529	3.056	1200

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05 PSYCHROMETRIC SUMMARY JAN 68

[illegible]

PSYCHROMETRIC SUMMARY

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05 PSYCHROMETRIC SUMMARY JAN 68

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL																		
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
96/ 95																																		2	2		
94/ 93																																		1	1		
92/ 91																																		6	6		
90/ 89																																		4	4		
88/ 87																																		1	1		
86/ 85																																		4	4		
84/ 83																																		2	2		
82/ 81																																		7	7		
80/ 79																																		14	14		
78/ 77																																		29	29		
76/ 75																																		45	45		
74/ 73																																		91	91		
72/ 71																																		152	152		
70/ 69																																		230	230		
68/ 67																																		211	211		
66/ 65																																		216	216		
64/ 63																																		148	148		
62/ 61																																		37	37		
60/ 59																																		135	135		
58/ 57																																		28	28		
56/ 55																																		2	2		
54/ 53																																					
52/ 51																																					
50/ 49																																					
48/ 47																																					
46/ 45																																					
44/ 43																																					
42/ 41																																					
40/ 39																																					
38/ 37																																					
36/ 35																																					
TOTAL	3.1	16.3	33.2	22.7	14.8	4.9	1.6	.7	.7	.2	.1	.3	.1	.2	.5	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	
Element (X)																	TOTAL																				
Rel. Hum.																	1200																				
Dry Bulb																	1200																				
Wet Bulb																	1200																				
Dew Point																	1200																				

PSYCHROMETRIC SUMMARY

93112 STATION SAN DIEGO, CALIFORNIA 73-77 YEARS OCT MONTH PAGE 1 HOURS (L.S.T.)

5 PSYCHROMETRIC SUMMARY JAN 68

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL		Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb			
92/ 91																	.2	2	2				
90/ 89																		2	2				
88/ 87													.1	.2	.1			2	2				
86/ 85									.1				.1	.1	.1			8	8				
84/ 83											.2		.1	.1	.1			3	3				
82/ 81									.2	.2	.1		.1	.1	.1			7	7				
80/ 79							.2	.2	.1	.1	.1	.2	.1	.1				9	9				
78/ 77						.2	.2	.3	.1									12	12				
76/ 75			.1	.1	.6	.7	.2	.5	.1	.2	.1							31	31				
74/ 73				.6	.7	.3	.2	.2	.2			.1						28	28				
72/ 71		.1	.5	1.5	1.8	.7	.2	.2	.2	.1								63	63	1			
70/ 69		.2	1.1	3.1	2.9	.9	.8	.2	.1			.2						119	119	12			
68/ 67	.1	.8	4.0	3.7	2.0	1.5	.5	.2	.2	.2								162	162	30			
66/ 65	.1	2.5	6.0	6.1	2.4	.4	.2	.1	.1									222	222	80			
64/ 63	.1	4.0	6.2	6.1	1.2	.6	.1											225	225	199			
62/ 61	.1	4.0	4.8	4.1	.8	.4	.1											177	177	224			
60/ 59	.1	2.7	2.0	1.4	.4	.2												85	85	266			
58/ 57	.2	1.1	1.9	.8	.1	.2												52	52	215			
56/ 55		.6	.6	.4	.2	.3												27	27	106			
54/ 53			.1		.2													3	3	55			
52/ 51							.1											1	1	30			
50/ 49																				9			
48/ 47																				6			
46/ 45																				6			
44/ 43																				6			
42/ 41																				1			
40/ 39																				6			
38/ 37																				1			
36/ 35																				6			
34/ 33																				3			
32/ 31																				13			
30/ 29																				4			
28/ 27																				3			
26/ 25																				2			
																				1			
																				1			
Element (X)	Mean No. of Hours with Temperature																		Total				
Ref. Hum.	Σ X																		Σ X				
Dry Bulb	X̄																		X̄				
Wet Bulb	No. Obs.																		No. Obs.				
Dew Point	≥ 31																		≥ 31				
	≥ 30 F																		≥ 30 F				
	≥ 29 F																		≥ 29 F				
	≥ 28 F																		≥ 28 F				
	≥ 27 F																		≥ 27 F				
	≥ 26 F																		≥ 26 F				
	≥ 25 F																		≥ 25 F				
	≥ 24 F																		≥ 24 F				
	≥ 23 F																		≥ 23 F				
	≥ 22 F																		≥ 22 F				
	≥ 21 F																		≥ 21 F				
	≥ 20 F																		≥ 20 F				
	≥ 19 F																		≥ 19 F				
	≥ 18 F																		≥ 18 F				
	≥ 17 F																		≥ 17 F				
	≥ 16 F																		≥ 16 F				
	≥ 15 F																		≥ 15 F				
	≥ 14 F																		≥ 14 F				
	≥ 13 F																		≥ 13 F				
	≥ 12 F																		≥ 12 F				
	≥ 11 F																		≥ 11 F				
	≥ 10 F																		≥ 10 F				
	≥ 9 F																		≥ 9 F				
	≥ 8 F																		≥ 8 F				
	≥ 7 F																		≥ 7 F				
	≥ 6 F																		≥ 6 F				
	≥ 5 F																		≥ 5 F				
	≥ 4 F																		≥ 4 F				
	≥ 3 F																		≥ 3 F				
	≥ 2 F																		≥ 2 F				
	≥ 1 F																		≥ 1 F				
	≥ 0 F																		≥ 0 F				
	≥ -1 F																		≥ -1 F				
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	≥ -4 F																		≥ -4 F				
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	≥ -30 F																		≥ -30 F				
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	≥ -39 F																		≥ -39 F				
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	≥ -41 F																		≥ -41 F				
	≥ -42 F																		≥ -42 F				
	≥ -43 F																		≥ -43 F				
	≥ -44 F																		≥ -44 F				
	≥ -45 F																		≥ -45 F				
	≥ -46 F																		≥ -46 F				
	≥ -47 F																		≥ -47 F				
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	≥ -59 F																		≥ -59 F				
	≥ -60 F																		≥ -60 F				
	≥ -61 F																		≥ -61 F				
	≥ -62 F																		≥ -62 F				
	≥ -63 F																		≥ -63 F				
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	≥ -74 F																		≥ -74 F				
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NAWWEASERVCOM

PSYCHROMETRIC SUMMARY

93112 STATION SAN DIEGO, CALIFORNIA 73-77 YEARS NOV MONTH

PAGE 1 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	
88/ 87																.1	.1	2	2
86/ 85															.1	.1	.1	2	2
84/ 83															.1	.2	.1	9	9
82/ 81															.3	.4	.1	10	10
80/ 79															.1	.1	.1	8	8
78/ 77															.2	.2	.1	16	16
76/ 75															.2	.2	.1	17	17
74/ 73															.5	.5	.1	23	23
72/ 71															.1	.1	.1	19	19
70/ 69															.2	.2	.1	42	42
68/ 67															.2	.2	.1	65	65
66/ 65															.3	.3	.1	92	92
64/ 63															.2	.1	.1	137	137
62/ 61															.1	.2	.1	171	171
60/ 59															.2	.1	.1	167	167
58/ 57															.1	.1	.1	139	139
56/ 55															.1	.1	.1	117	117
54/ 53															.2	.2	.1	77	77
52/ 51															.1	.2	.1	40	40
50/ 49															.3	.7	.3	30	30
48/ 47															.1	.1	.1	10	10
46/ 45															.2	.2	.1	4	4
44/ 43															.1	.1	.1	3	3
42/ 41																			
40/ 39																			
38/ 37																			
36/ 35																			
34/ 33																			
32/ 31																			
30/ 29																			
28/ 27																			
26/ 25																			
24/ 23																			
22/ 21																			
Element (X)	Mean No. of Hours with Temperature																Total		
Rel. Hum.																	Total		
Dry Bulb																			
Wet Bulb																			
Dew Point																			

93112	<u>SAN DIEGO, CALIFORNIA</u>
STATION	STATION NAME

73-77

YEARS

NOV
MONTH

05 PSYCHROMETRIC SUMMA 7 JAN 68

PAGE 2

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NAVWEASERVCOM

PSYCHROMETRIC SUMMARY

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

73-77

YEARS

ALL
MONTH

PAGE 1
HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL					
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point					
96/ 95																	.0	2	2							
94/ 93																	.0	1	1							
92/ 91															.0	.0		8	8							
90/ 89															.0	.0		7	7							
88/ 87										.0	.0	.0	.0	.0	.0	.0		8	8							
86/ 85									.0	.0	.0	.0	.0	.0	.0	.0		17	17							
84/ 83							.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		24	24							
82/ 81						.0	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0		44	44							
80/ 79					.0	.1	.1	.0	.0	.0	.0	.1	.0	.0	.0	.0		67	67							
78/ 77				.0	.2	.2	.1	.1	.0	.0	.0	.1	.0	.1				123	123							
76/ 75			.0	.3	.5	.4	.0	.1	.0	.0	.1	.0	.1	.0				233	233							
74/ 73	.0	.0	.1	.7	.8	.4	.1	.1	.1	.1	.1	.2	.0	.0				393	393	3	1					
72/ 71	.0	.1	.6	1.3	1.4	.4	.1	.1	.1	.1	.1	.0	.0					630	630	36	8					
70/ 69	.0	.4	1.6	1.7	1.8	.4	.2	.1	.1	.1	.1	.0	.0					978	978	177	30					
68/ 67	.1	.6	2.3	2.0	1.3	.5	.2	.2	.2	.1	.1	.0						1108	1108	483	131					
66/ 65	.1	1.3	3.4	2.9	1.3	.4	.3	.2	.2	.1	.0	.0						1511	1511	807	331					
64/ 63	.1	1.6	3.3	3.5	1.6	.7	.3	.2	.1	.1	.0	.0						1703	1703	1224	619					
62/ 61	.1	1.6	3.4	3.4	2.1	.6	.3	.2	.1	.1	.0							1747	1747	1360	955					
60/ 59	.1	1.5	3.8	2.7	1.2	.8	.3	.2	.0	.0								1544	1544	1494	1222					
58/ 57	.1	1.5	3.5	2.6	1.1	.5	.2	.2	.1	.0								1414	1414	1670	1283					
56/ 55	.0	1.3	2.7	2.1	.8	.4	.1	.1	.0	.0								1094	1094	1693	1444					
54/ 53	.1	1.1	1.6	1.3	.6	.2	.1	.0	.0									727	727	1594	1379					
52/ 51	.1	.9	1.3	.7	.5	.1	.1	.0										521	521	1298	1250					
50/ 49	.0	.5	.8	.5	.2	.1	.1	.0										323	323	1041	1281					
48/ 47	.0	.3	.4	.3	.2	.0	.0											198	198	699	1032					
46/ 45	.0	.1	.3	.2	.1	.0	.0											112	112	426	839					
44/ 43		.0	.1	.1	.1	.0												53	53	248	595					
42/ 41		.0		.0	.0	.0												9	9	188	493					
40/ 39	.0	.0	.0		.0													7	7	93	426					
38/ 37			.0															2	2	41	287					
36/ 35																				24	214					
34/ 33																				6	173					
32/ 31																				3	146					
30/ 29																					118					
Element (X)	Σ X																		Σ X ²		Mean No. of Hours with Temperature				Total	
Rel. Hum.																					≥ 0 F				≥ 80 F	
Dry Bulb																					≤ 0 F				≥ 73 F	
Wet Bulb																					≤ 32 F				≥ 67 F	
Dew Point																					≤ 0 F				≥ 59 F	

MEANS AND STANDARD DEVIATIONS

5707 MEANS AND STANDARD DEVIATIONS JAN 68

PRINTED BY THE STANDARD REGISTER COMPANY, U. S. A.

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

73-77

SAN DIEGO, CALIFORNIA

YEARS

STATION NAME

STATION

HRS.(LST.)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
01	MEAN 51.6 S. D. 4.402 TOTAL OBS 155	MEAN 53.8 S. D. 3.008 TOTAL OBS 141	MEAN 54.3 S. D. 2.896 TOTAL OBS 155	MEAN 56.3 S. D. 2.712 TOTAL OBS 150	MEAN 59.4 S. D. 2.361 TOTAL OBS 155	MEAN 61.8 S. D. 2.702 TOTAL OBS 150	MEAN 65.1 S. D. 3.170 TOTAL OBS 155	MEAN 66.1 S. D. 2.714 TOTAL OBS 155	MEAN 66.5 S. D. 2.709 TOTAL OBS 150	MEAN 62.5 S. D. 3.264 TOTAL OBS 155	MEAN 57.5 S. D. 3.978 TOTAL OBS 150	MEAN 53.7 S. D. 4.376 TOTAL OBS 155	MEAN 59.1 S. D. 6.006 TOTAL OBS 1826
04	MEAN 50.2 S. D. 4.576 TOTAL OBS 155	MEAN 52.3 S. D. 3.313 TOTAL OBS 141	MEAN 53.0 S. D. 3.474 TOTAL OBS 155	MEAN 55.2 S. D. 2.819 TOTAL OBS 150	MEAN 58.7 S. D. 2.514 TOTAL OBS 155	MEAN 61.2 S. D. 2.328 TOTAL OBS 150	MEAN 64.8 S. D. 3.133 TOTAL OBS 155	MEAN 65.7 S. D. 2.743 TOTAL OBS 155	MEAN 65.9 S. D. 2.730 TOTAL OBS 150	MEAN 61.6 S. D. 3.587 TOTAL OBS 155	MEAN 56.0 S. D. 4.196 TOTAL OBS 150	MEAN 52.5 S. D. 4.645 TOTAL OBS 155	MEAN 58.1 S. D. 6.397 TOTAL OBS 1826
07	MEAN 49.6 S. D. 4.963 TOTAL OBS 155	MEAN 51.8 S. D. 3.340 TOTAL OBS 141	MEAN 53.7 S. D. 3.358 TOTAL OBS 155	MEAN 57.1 S. D. 2.899 TOTAL OBS 150	MEAN 59.9 S. D. 2.504 TOTAL OBS 155	MEAN 62.6 S. D. 3.431 TOTAL OBS 150	MEAN 65.8 S. D. 3.624 TOTAL OBS 155	MEAN 66.4 S. D. 3.069 TOTAL OBS 155	MEAN 66.9 S. D. 2.998 TOTAL OBS 150	MEAN 62.3 S. D. 3.316 TOTAL OBS 155	MEAN 56.3 S. D. 4.587 TOTAL OBS 150	MEAN 51.9 S. D. 5.022 TOTAL OBS 155	MEAN 58.7 S. D. 6.952 TOTAL OBS 1826
10	MEAN 59.5 S. D. 4.722 TOTAL OBS 155	MEAN 60.8 S. D. 4.444 TOTAL OBS 141	MEAN 60.3 S. D. 4.001 TOTAL OBS 155	MEAN 62.0 S. D. 4.697 TOTAL OBS 150	MEAN 63.3 S. D. 3.526 TOTAL OBS 155	MEAN 66.7 S. D. 5.311 TOTAL OBS 150	MEAN 69.6 S. D. 4.456 TOTAL OBS 155	MEAN 71.0 S. D. 3.204 TOTAL OBS 155	MEAN 71.7 S. D. 5.378 TOTAL OBS 150	MEAN 69.0 S. D. 5.500 TOTAL OBS 155	MEAN 66.0 S. D. 6.633 TOTAL OBS 150	MEAN 61.5 S. D. 4.674 TOTAL OBS 155	MEAN 65.1 S. D. 6.394 TOTAL OBS 1826
13	MEAN 62.7 S. D. 6.308 TOTAL OBS 155	MEAN 63.7 S. D. 5.355 TOTAL OBS 141	MEAN 61.7 S. D. 3.799 TOTAL OBS 155	MEAN 63.5 S. D. 4.399 TOTAL OBS 150	MEAN 64.9 S. D. 3.223 TOTAL OBS 155	MEAN 68.2 S. D. 4.539 TOTAL OBS 150	MEAN 71.5 S. D. 4.086 TOTAL OBS 155	MEAN 73.0 S. D. 2.903 TOTAL OBS 155	MEAN 73.4 S. D. 5.269 TOTAL OBS 150	MEAN 71.0 S. D. 5.451 TOTAL OBS 155	MEAN 67.8 S. D. 7.221 TOTAL OBS 150	MEAN 64.5 S. D. 5.518 TOTAL OBS 155	MEAN 67.2 S. D. 6.404 TOTAL OBS 1826
16	MEAN 60.8 S. D. 5.302 TOTAL OBS 155	MEAN 62.0 S. D. 4.350 TOTAL OBS 141	MEAN 60.4 S. D. 3.227 TOTAL OBS 155	MEAN 62.3 S. D. 3.949 TOTAL OBS 150	MEAN 64.0 S. D. 2.754 TOTAL OBS 155	MEAN 67.1 S. D. 4.320 TOTAL OBS 150	MEAN 70.6 S. D. 3.911 TOTAL OBS 155	MEAN 71.8 S. D. 2.788 TOTAL OBS 155	MEAN 71.9 S. D. 4.729 TOTAL OBS 150	MEAN 68.8 S. D. 4.963 TOTAL OBS 155	MEAN 65.7 S. D. 6.094 TOTAL OBS 150	MEAN 62.2 S. D. 4.600 TOTAL OBS 155	MEAN 65.7 S. D. 5.979 TOTAL OBS 1826
19	MEAN 56.7 S. D. 3.764 TOTAL OBS 155	MEAN 58.2 S. D. 3.154 TOTAL OBS 141	MEAN 57.3 S. D. 2.628 TOTAL OBS 155	MEAN 59.0 S. D. 3.363 TOTAL OBS 150	MEAN 60.9 S. D. 2.432 TOTAL OBS 155	MEAN 63.8 S. D. 4.099 TOTAL OBS 150	MEAN 66.8 S. D. 3.671 TOTAL OBS 155	MEAN 67.7 S. D. 2.728 TOTAL OBS 155	MEAN 68.1 S. D. 3.625 TOTAL OBS 150	MEAN 65.2 S. D. 3.672 TOTAL OBS 155	MEAN 61.7 S. D. 4.615 TOTAL OBS 150	MEAN 58.2 S. D. 3.655 TOTAL OBS 155	MEAN 62.0 S. D. 5.349 TOTAL OBS 1826
22	MEAN 53.7 S. D. 3.836 TOTAL OBS 155	MEAN 56.0 S. D. 2.628 TOTAL OBS 141	MEAN 56.1 S. D. 2.411 TOTAL OBS 155	MEAN 57.8 S. D. 2.787 TOTAL OBS 150	MEAN 60.2 S. D. 2.280 TOTAL OBS 155	MEAN 62.7 S. D. 3.260 TOTAL OBS 150	MEAN 65.7 S. D. 3.400 TOTAL OBS 155	MEAN 66.7 S. D. 2.587 TOTAL OBS 155	MEAN 67.3 S. D. 3.016 TOTAL OBS 150	MEAN 63.8 S. D. 3.181 TOTAL OBS 155	MEAN 59.1 S. D. 4.291 TOTAL OBS 150	MEAN 55.9 S. D. 4.119 TOTAL OBS 155	MEAN 60.4 S. D. 5.328 TOTAL OBS 1826
ALL HOURS	MEAN 55.6 S. D. 6.726 TOTAL OBS 1240	MEAN 57.3 S. D. 5.698 TOTAL OBS 1128	MEAN 57.1 S. D. 4.534 TOTAL OBS 1240	MEAN 59.1 S. D. 4.557 TOTAL OBS 1200	MEAN 61.4 S. D. 3.490 TOTAL OBS 1240	MEAN 64.3 S. D. 4.607 TOTAL OBS 1200	MEAN 67.5 S. D. 4.455 TOTAL OBS 1240	MEAN 68.6 S. D. 3.928 TOTAL OBS 1240	MEAN 68.9 S. D. 4.801 TOTAL OBS 1200	MEAN 65.5 S. D. 5.390 TOTAL OBS 1240	MEAN 61.3 S. D. 6.900 TOTAL OBS 1200	MEAN 57.5 S. D. 6.424 TOTAL OBS 1240	MEAN 62.0 S. D. 6.971 TOTAL OBS 14608

MEANS AND STANDARD DEVIATIONS

5707 MEANS AND STANDARD DEVIATIONS JAN 68

PRINTED BY THE STANDARD REGISTRY COMPANY, U. S. A.

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

73-77

SAN DIEGO, CALIFORNIA

93112

STATION

STATION NAME

YEARS

HRS.(LST.)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
01	MEAN 47.3 S. D. 4.743 TOTAL OBS 155	MEAN 49.6 S. D. 4.027 TOTAL OBS 141	MEAN 49.7 S. D. 3.752 TOTAL OBS 155	MEAN 52.0 S. D. 3.025 TOTAL OBS 150	MEAN 55.7 S. D. 2.561 TOTAL OBS 155	MEAN 58.1 S. D. 2.529 TOTAL OBS 150	MEAN 61.4 S. D. 3.013 TOTAL OBS 155	MEAN 63.1 S. D. 2.540 TOTAL OBS 155	MEAN 63.0 S. D. 2.824 TOTAL OBS 150	MEAN 58.7 S. D. 3.955 TOTAL OBS 155	MEAN 52.8 S. D. 4.403 TOTAL OBS 150	MEAN 49.7 S. D. 5.178 TOTAL OBS 155	MEAN 55.1 S. D. 6.542 TOTAL OBS 1826
04	MEAN 46.0 S. D. 5.068 TOTAL OBS 155	MEAN 48.0 S. D. 4.524 TOTAL OBS 141	MEAN 48.6 S. D. 4.348 TOTAL OBS 155	MEAN 51.0 S. D. 3.174 TOTAL OBS 150	MEAN 55.1 S. D. 2.755 TOTAL OBS 155	MEAN 57.8 S. D. 2.367 TOTAL OBS 150	MEAN 61.2 S. D. 2.982 TOTAL OBS 155	MEAN 62.7 S. D. 2.588 TOTAL OBS 155	MEAN 62.6 S. D. 3.004 TOTAL OBS 150	MEAN 57.8 S. D. 4.392 TOTAL OBS 155	MEAN 51.4 S. D. 4.641 TOTAL OBS 150	MEAN 48.2 S. D. 5.499 TOTAL OBS 155	MEAN 54.2 S. D. 7.039 TOTAL OBS 1826
07	MEAN 45.2 S. D. 5.392 TOTAL OBS 155	MEAN 47.7 S. D. 4.408 TOTAL OBS 141	MEAN 49.1 S. D. 4.296 TOTAL OBS 155	MEAN 52.3 S. D. 3.227 TOTAL OBS 150	MEAN 56.0 S. D. 2.723 TOTAL OBS 155	MEAN 58.6 S. D. 2.948 TOTAL OBS 150	MEAN 61.9 S. D. 3.213 TOTAL OBS 155	MEAN 63.1 S. D. 2.604 TOTAL OBS 155	MEAN 63.2 S. D. 3.179 TOTAL OBS 150	MEAN 58.4 S. D. 3.954 TOTAL OBS 155	MEAN 51.2 S. D. 4.775 TOTAL OBS 150	MEAN 47.3 S. D. 5.824 TOTAL OBS 155	MEAN 54.5 S. D. 7.419 TOTAL OBS 1826
10	MEAN 50.8 S. D. 4.432 TOTAL OBS 155	MEAN 52.2 S. D. 3.472 TOTAL OBS 141	MEAN 52.2 S. D. 3.557 TOTAL OBS 155	MEAN 54.2 S. D. 3.162 TOTAL OBS 150	MEAN 57.4 S. D. 2.914 TOTAL OBS 155	MEAN 60.1 S. D. 3.149 TOTAL OBS 150	MEAN 63.4 S. D. 3.266 TOTAL OBS 155	MEAN 64.9 S. D. 2.504 TOTAL OBS 155	MEAN 64.9 S. D. 2.953 TOTAL OBS 150	MEAN 60.9 S. D. 3.726 TOTAL OBS 155	MEAN 55.2 S. D. 3.895 TOTAL OBS 150	MEAN 52.4 S. D. 4.573 TOTAL OBS 155	MEAN 57.4 S. D. 6.154 TOTAL OBS 1826
13	MEAN 52.1 S. D. 3.948 TOTAL OBS 155	MEAN 53.2 S. D. 3.279 TOTAL OBS 141	MEAN 52.8 S. D. 3.339 TOTAL OBS 155	MEAN 54.8 S. D. 2.968 TOTAL OBS 150	MEAN 58.1 S. D. 2.833 TOTAL OBS 155	MEAN 60.7 S. D. 2.998 TOTAL OBS 150	MEAN 63.9 S. D. 3.040 TOTAL OBS 155	MEAN 65.6 S. D. 2.414 TOTAL OBS 155	MEAN 65.3 S. D. 2.864 TOTAL OBS 150	MEAN 61.8 S. D. 3.650 TOTAL OBS 155	MEAN 56.4 S. D. 3.956 TOTAL OBS 150	MEAN 54.1 S. D. 4.113 TOTAL OBS 155	MEAN 58.3 S. D. 5.868 TOTAL OBS 1826
16	MEAN 52.1 S. D. 3.656 TOTAL OBS 155	MEAN 53.5 S. D. 2.910 TOTAL OBS 141	MEAN 52.5 S. D. 3.206 TOTAL OBS 155	MEAN 54.5 S. D. 2.891 TOTAL OBS 150	MEAN 57.7 S. D. 2.567 TOTAL OBS 155	MEAN 60.3 S. D. 3.008 TOTAL OBS 150	MEAN 63.5 S. D. 2.999 TOTAL OBS 155	MEAN 65.2 S. D. 2.416 TOTAL OBS 155	MEAN 64.8 S. D. 2.828 TOTAL OBS 150	MEAN 61.5 S. D. 3.381 TOTAL OBS 155	MEAN 56.7 S. D. 3.911 TOTAL OBS 150	MEAN 54.0 S. D. 4.178 TOTAL OBS 155	MEAN 58.1 S. D. 5.671 TOTAL OBS 1826
19	MEAN 50.4 S. D. 3.938 TOTAL OBS 155	MEAN 52.0 S. D. 3.066 TOTAL OBS 141	MEAN 51.2 S. D. 3.302 TOTAL OBS 155	MEAN 53.2 S. D. 2.837 TOTAL OBS 150	MEAN 56.3 S. D. 2.527 TOTAL OBS 155	MEAN 58.7 S. D. 2.745 TOTAL OBS 150	MEAN 61.8 S. D. 3.197 TOTAL OBS 155	MEAN 63.6 S. D. 2.488 TOTAL OBS 155	MEAN 63.5 S. D. 2.965 TOTAL OBS 150	MEAN 60.0 S. D. 3.259 TOTAL OBS 155	MEAN 55.0 S. D. 4.168 TOTAL OBS 150	MEAN 52.6 S. D. 4.418 TOTAL OBS 155	MEAN 56.6 S. D. 5.691 TOTAL OBS 1826
22	MEAN 49.2 S. D. 4.300 TOTAL OBS 155	MEAN 51.2 S. D. 3.418 TOTAL OBS 141	MEAN 50.8 S. D. 3.475 TOTAL OBS 155	MEAN 52.8 S. D. 2.931 TOTAL OBS 150	MEAN 56.1 S. D. 2.506 TOTAL OBS 155	MEAN 58.4 S. D. 2.516 TOTAL OBS 150	MEAN 61.7 S. D. 3.102 TOTAL OBS 155	MEAN 63.3 S. D. 2.476 TOTAL OBS 155	MEAN 63.3 S. D. 3.008 TOTAL OBS 150	MEAN 59.6 S. D. 3.349 TOTAL OBS 155	MEAN 54.1 S. D. 4.518 TOTAL OBS 150	MEAN 51.4 S. D. 4.958 TOTAL OBS 155	MEAN 56.0 S. D. 6.023 TOTAL OBS 1826
ALL HOURS	MEAN 49.1 S. D. 5.117 TOTAL OBS 1240	MEAN 50.9 S. D. 4.240 TOTAL OBS 1128	MEAN 50.9 S. D. 3.962 TOTAL OBS 1240	MEAN 53.1 S. D. 3.262 TOTAL OBS 1200	MEAN 56.5 S. D. 2.842 TOTAL OBS 1240	MEAN 59.1 S. D. 2.980 TOTAL OBS 1200	MEAN 62.3 S. D. 3.251 TOTAL OBS 1240	MEAN 63.9 S. D. 2.713 TOTAL OBS 1240	MEAN 63.9 S. D. 3.096 TOTAL OBS 1200	MEAN 59.8 S. D. 3.961 TOTAL OBS 1240	MEAN 54.1 S. D. 4.714 TOTAL OBS 1200	MEAN 51.2 S. D. 5.431 TOTAL OBS 1240	MEAN 56.3 S. D. 6.494 TOTAL OBS 14608

NAVWEASERVCOM

MEANS AND STANDARD DEVIATIONS

3-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

73-77

SAN DIEGO, CALIFORNIA

93112

STATION

STATION NAME

YEARS

HRS.(L.S.T.)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
01	MEAN S. D. TOTAL OBS	42.5 8.091 155	45.2 7.433 141	45.1 6.133 155	48.1 4.451 150	52.7 3.491 155	54.5 3.045 150	59.1 3.346 155	61.2 2.994 155	60.8 3.983 150	55.9 5.693 155	48.4 7.092 150	51.7 8.564 1826
04	MEAN S. D. TOTAL OBS	41.1 8.237 155	43.2 8.194 141	44.1 6.743 155	47.1 4.827 150	52.3 3.684 155	55.2 3.025 150	58.9 3.351 155	61.0 3.026 155	60.5 4.215 150	54.9 6.392 155	46.8 7.172 150	50.7 9.220 1826
07	MEAN S. D. TOTAL OBS	40.1 8.530 155	43.2 7.812 141	44.4 7.041 155	48.0 5.269 150	52.8 3.816 155	55.6 3.463 150	59.4 3.511 155	61.0 2.960 155	60.9 4.599 150	55.3 6.134 155	46.3 7.898 150	50.8 9.673 1826
10	MEAN S. D. TOTAL OBS	41.6 9.335 155	43.5 9.161 141	44.2 7.662 155	47.2 5.913 150	52.8 3.848 155	55.5 3.110 150	59.4 3.454 155	61.3 3.078 155	60.6 5.107 150	54.8 7.352 155	45.1 9.758 150	50.8 9.987 1826
13	MEAN S. D. TOTAL OBS	41.1 9.860 155	42.8 9.289 141	44.0 8.131 155	47.1 5.700 150	52.9 3.788 155	55.6 3.020 150	59.1 3.401 155	61.1 3.034 155	60.2 5.217 150	55.2 6.929 155	46.0 10.299 150	50.8 10.040 1826
16	MEAN S. D. TOTAL OBS	43.3 8.664 155	45.5 7.399 141	44.9 6.462 155	47.7 4.940 150	52.9 3.533 155	55.6 3.051 150	59.1 3.193 155	61.2 2.924 155	60.3 4.981 150	56.3 5.666 155	48.9 8.647 150	51.8 8.841 1826
19	MEAN S. D. TOTAL OBS	43.9 8.461 155	46.0 7.010 141	45.3 5.867 155	47.9 4.772 150	52.6 3.549 155	55.1 2.725 150	58.6 3.451 155	61.0 2.934 155	60.6 4.650 150	56.3 4.912 155	49.1 8.192 150	52.0 8.317 1826
22	MEAN S. D. TOTAL OBS	44.4 7.430 155	46.4 6.768 141	45.6 5.953 155	48.2 4.640 150	52.8 3.422 155	55.5 2.996 150	59.1 3.379 155	61.3 2.959 155	60.8 4.348 150	56.6 4.860 155	49.5 7.300 150	52.3 8.176 1826
ALL HOURS	MEAN S. D. TOTAL OBS	42.3 8.700 1240	44.5 8.020 1128	44.7 6.796 1240	47.7 5.091 1200	52.7 3.639 1240	55.4 3.057 1200	59.1 3.386 1240	61.1 2.983 1240	60.6 4.648 1200	55.7 6.068 1240	47.5 8.488 1200	51.4 9.147 14608

RELATIVE HUMIDITY

5706 RELATIVE HUMIDITY JAN 68

PRINTED BY THE STANDARD RECYCLER COMPANY, U. S. A.

93112 STATION

SAN DIEGO, CALIFORNIA

73-77

STATION NAME

PERIOD

JAN MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	01	100.0	98.7	97.4	94.8	90.2	80.6	66.5	38.1	8.4	73.6	155
	04	100.0	99.4	99.4	95.5	89.0	79.4	63.9	35.5	11.6	73.0	155
	07	100.0	99.4	98.7	96.1	83.4	72.3	59.4	34.2	7.7	71.7	155
	10	100.0	98.7	87.1	76.8	57.4	43.2	21.9	11.0	3.9	55.3	155
	13	100.0	91.0	77.4	63.9	53.5	36.1	18.1	5.8	1.3	50.1	155
	16	100.0	93.5	89.7	79.4	63.9	49.0	28.4	7.7	1.3	56.6	155
	19	100.0	98.1	93.5	87.1	80.6	69.7	47.1	21.3	1.9	65.6	155
	22	100.0	99.4	98.7	94.2	87.7	81.9	64.5	30.3	5.8	72.8	155
TOTALS		100.0	97.3	92.7	86.0	76.4	66.0	46.2	23.0	5.2	64.8	1240

RELATIVE HUMIDITY

5706 RELATIVE HUMIDITY JAN 68

PRINTED BY THE STANDARD RECORDING COMPANY, U. S. A.

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

73-77

PERIOD

FEB
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
FEB	01	100.0	99.3	98.6	95.7	92.2	86.5	67.4	31.2	8.5	74.2	141
	04	100.0	100.0	98.6	92.9	90.1	80.9	63.8	38.3	8.5	73.3	141
	07	100.0	100.0	98.6	96.5	92.2	78.0	67.4	39.0	13.5	74.5	141
	10	100.0	94.3	87.2	74.5	66.7	47.5	28.4	8.5	2.1	57.0	141
	13	100.0	90.1	82.3	70.9	58.9	36.2	14.2	4.3	1.4	51.0	141
	16	100.0	95.7	90.8	83.0	69.5	52.5	19.1	7.8	2.1	58.0	141
	19	100.0	99.3	95.0	91.5	82.3	70.9	50.4	20.6	4.3	66.5	141
	22	100.0	99.3	97.2	95.0	90.1	83.0	60.3	27.7	5.7	72.0	141
TOTALS		100.0	97.3	93.5	87.5	80.3	66.9	46.4	22.2	5.8	65.8	1128

RELATIVE HUMIDITY

93112

SAN DIEGO, CALIFORNIA

STATION NAME

73-77

PERIOD

MAR

MONTH

**CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)**

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAR	01	100.0	99.4	99.4	98.7	97.4	85.8	56.8	20.0	3.2	72.2	155
	04	100.0	100.0	100.0	96.8	94.8	88.4	58.1	26.5	3.9	72.7	155
	07	100.0	100.0	100.0	96.1	92.3	82.6	61.3	23.9	7.1	72.2	155
	10	100.0	96.8	92.3	87.7	72.3	45.2	18.7	9.0	1.9	58.1	155
	13	100.0	94.2	91.0	87.1	68.4	36.8	12.9	4.5		55.2	155
	16	100.0	99.4	95.5	87.7	75.5	43.2	16.8	7.1	.6	58.5	155
	19	100.0	100.0	99.4	96.1	87.1	66.5	36.1	12.9		65.7	155
	22	100.0	100.0	99.4	98.7	94.8	79.4	43.2	14.8	.6	68.8	155
TOTALS		100.0	98.7	97.1	93.6	85.3	66.0	38.0	14.8	2.2	65.4	1240

STATION
93112

SAN DIEGO, CALIFORNIA

73-77

PERIOD

APR
MONTH

**CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)**

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
APR	01	100.0	100.0	100.0	99.3	98.7	92.0	66.0	26.0	3.3	74.7	150
	04	100.0	100.0	99.3	99.3	98.7	92.7	70.7	24.7	4.0	75.0	150
	07	100.0	100.0	98.7	98.7	96.0	86.7	60.0	22.7	5.3	72.9	150
	10	100.0	97.3	94.7	92.7	84.7	52.0	18.7	4.0	.7	60.3	150
	13	100.0	96.0	96.0	92.7	84.0	34.7	8.0	.7		57.1	150
	16	100.0	99.3	98.0	94.0	84.7	48.7	13.3	.7	.7	60.1	150
	19	100.0	99.3	98.7	98.0	93.3	85.3	41.3	10.0	.7	68.1	150
	22	100.0	100.0	99.3	98.0	94.0	90.7	55.3	16.7	.7	71.4	150
TOTALS		100.0	99.0	98.1	96.6	91.8	72.9	41.7	13.2	1.9	67.5	1200

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MAY
MONTH

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MONTH
JUN

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5706 RELATIVE HUMIDITY JAN 68

93112
TATION

SAN DIEGO, CALIFORNIA

73-77

PERIOD

MONTH
JUL

**CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)**

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN								MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.	
		10%	20%	30%	40%	50%	60%	70%	80%			90%
JUL	01	100.0	100.0	100.0	100.0	100.0	99.4	94.8	63.9	6.5	81.2	155
	04	100.0	100.0	100.0	100.0	100.0	100.0	92.9	66.5	5.8	81.7	155
	07	100.0	100.0	100.0	100.0	100.0	100.0	91.6	54.8	3.9	80.2	155
	10	100.0	100.0	100.0	99.4	99.4	91.0	48.4	14.2		70.6	155
	13	100.0	100.0	100.0	99.4	99.4	81.3	23.9	1.3		65.4	155
	16	100.0	100.0	100.0	100.0	98.7	87.7	34.8	1.3		67.3	155
	19	100.0	100.0	100.0	100.0	99.4	98.7	83.2	24.5		75.5	155
	22	100.0	100.0	100.0	100.0	100.0	99.4	92.3	49.0	1.3	79.3	155
TOTALS		100.0	100.0	100.0	99.9	99.6	94.7	70.2	34.4	2.2	75.2	1240

RELATIVE HUMIDITY

5706 RELATIVE HUMIDITY JAN 68

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93112 STATION

SAN DIEGO, CALIFORNIA

73-77

STATION NAME

PERIOD

AUG MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
AUG	01	100.0	100.0	100.0	100.0	100.0	100.0	97.4	75.5	15.5	84.6	155
	04	100.0	100.0	100.0	100.0	100.0	100.0	98.7	80.0	17.4	85.0	155
	07	100.0	100.0	100.0	100.0	100.0	100.0	96.1	68.4	12.9	83.2	155
	10	100.0	100.0	100.0	100.0	100.0	92.3	56.8	19.4	.6	71.9	155
	13	100.0	100.0	100.0	100.0	98.1	86.5	31.6	2.6		66.7	155
	16	100.0	100.0	100.0	100.0	100.0	95.5	45.2	8.4		69.9	155
	19	100.0	100.0	100.0	100.0	100.0	100.0	94.2	47.1	.6	79.4	155
	22	100.0	100.0	100.0	100.0	100.0	100.0	96.8	72.3	9.7	83.1	155
TOTALS		100.0	100.0	100.0	100.0	99.6	96.8	77.1	46.7	7.1	78.0	1240

5706 RELATIVE HUMIDITY JAN 68

SEP
MONTH

PERIOD

73-77

SAN DIEGO, CALIFORNIA

93112
STATION

**CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)**

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN								MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.	
		10%	20%	30%	40%	50%	60%	70%	80%			90%
SEP	01	100.0	100.0	100.0	99.3	98.7	98.0	90.0	66.0	20.7	82.8	150
	04	100.0	100.0	100.0	100.0	99.3	96.7	89.3	68.0	27.3	83.8	150
	07	100.0	100.0	100.0	98.7	98.0	96.0	88.0	66.0	22.0	82.1	150
	10	100.0	97.3	96.7	96.0	94.0	85.3	57.3	22.0	2.7	70.2	150
	13	100.0	96.7	96.0	96.0	91.3	76.7	34.7	6.7	.7	65.5	150
	16	100.0	97.3	96.0	96.0	94.7	89.3	54.7	12.0	2.0	69.0	150
	19	100.0	99.3	98.7	98.0	96.7	96.0	85.3	49.3	9.3	78.3	150
	22	100.0	100.0	99.3	98.7	98.0	96.0	87.3	63.3	16.0	80.8	150
TOTALS		100.0	98.8	98.3	97.8	96.3	91.8	73.3	44.2	12.6	76.6	1200

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SAN DIEGO, CALIFORNIA

73-77

STATION NAME

PERIOD

OCT MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
OCT	01	100.0	100.0	100.0	99.4	98.7	92.3	83.2	58.7	12.9	80.0	155
	04	100.0	100.0	99.4	98.7	98.1	89.7	80.6	60.6	12.3	79.7	155
	07	100.0	100.0	99.4	99.4	94.8	89.0	80.6	60.0	13.5	79.2	155
	10	100.0	93.5	92.3	89.7	84.5	74.8	37.4	8.4	1.3	63.8	155
	13	100.0	96.8	93.5	92.3	82.6	66.2	18.1	1.3		60.1	155
	16	100.0	99.4	95.5	93.5	89.0	80.6	40.0	9.7		66.4	155
	19	100.0	100.0	99.4	97.4	93.5	87.7	74.8	36.8	.6	74.2	155
	22	100.0	100.0	100.0	98.1	96.8	95.5	81.9	49.7	7.1	78.5	155
TOTALS		100.0	99.0	97.4	96.1	92.3	84.5	62.1	35.7	6.0	72.7	1240

RELATIVE HUMIDITY

STATION
93112

SAN DIEGO, CALIFORNIA

SAN DIEGO, CALIFORNIA

73-77

PERIOD

NOV
MONTH

MONTH

**CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)**

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
NOV	01	100.0	100.0	99.3	96.0	90.0	80.7	66.7	36.0	3.3	73.2	150
	04	100.0	100.0	99.3	98.0	88.7	79.3	59.3	36.7	4.0	72.9	150
	07	100.0	100.0	98.7	94.0	88.0	70.7	58.7	38.0	6.7	71.4	150
	10	100.0	88.7	76.0	68.0	56.7	45.3	20.0	6.7	1.3	52.3	150
	13	99.3	86.0	77.3	72.7	61.3	42.7	12.7	5.3	.7	51.3	150
	16	100.0	95.3	86.7	81.3	74.7	62.7	22.7	5.3	.7	58.8	150
	19	100.0	98.0	94.7	87.3	82.7	73.3	52.0	19.3		66.4	150
	22	100.0	100.0	98.7	96.0	91.3	81.3	61.3	34.7	2.7	72.2	150
TOTALS		99.9	96.0	91.3	86.7	79.2	67.0	44.2	22.8	2.4	64.8	1200

5706 RELATIVE HUMIDITY JAN 68

DEC
MONTH

73-77

SAN DIEGO, CALIFORNIA

93112
TATION

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
DEC	01	100.0	99.4	98.7	96.1	92.3	85.2	68.4	44.5	12.3	75.5	155
	04	100.0	99.4	97.4	96.8	88.4	80.0	63.9	41.9	11.6	73.6	155
	07	100.0	99.4	97.4	91.0	85.2	78.1	57.4	36.1	13.5	71.6	155
	10	100.0	96.8	82.6	69.7	54.2	43.2	27.7	12.9	3.2	55.1	155
	13	99.4	92.3	78.1	64.5	57.4	43.2	20.0	5.8	1.9	52.2	155
	16	99.4	94.8	88.4	79.4	68.4	60.6	31.6	14.2	1.9	59.8	155
	19	99.4	98.7	97.4	91.6	82.6	69.7	59.4	27.7	2.6	68.9	155
	22	99.4	98.7	96.1	94.2	92.3	79.4	57.7	41.9	5.0	73.7	155
									</			

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RELATIVE HUMIDITY

5706 RELATIVE HUMIDITY JAN 68

PRINTED BY THE STANDARD RECORDING COMPANY, U. S. A.

ALL
MONTH

PERIOD

73-77

STATION NAME

93112

SAN DIEGO, CALIFORNIA

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	ALL	100.0	97.3	92.7	86.0	76.4	64.0	46.2	23.0	5.2	64.8	1240
FEB		100.0	97.3	93.5	87.5	80.3	66.9	46.4	22.2	5.8	65.8	1128
MAR		100.0	98.7	97.1	93.6	85.3	66.0	38.0	14.8	2.2	65.4	1240
APR		100.0	99.0	98.1	96.6	91.8	72.9	41.7	13.2	1.9	67.5	1200
MAY		100.0	100.0	100.0	99.9	99.2	92.0	62.0	27.4	3.7	74.1	1240
JUN		100.0	100.0	99.9	99.3	97.8	93.5	64.2	31.7	1.8	74.0	1200
JUL		100.0	100.0	100.0	99.9	99.6	94.7	70.2	34.4	2.2	75.2	1240
AUG		100.0	100.0	100.0	100.0	99.8	96.8	77.1	46.7	7.1	78.0	1240
SEP		100.0	98.8	98.3	97.8	96.3	91.8	73.3	44.2	12.6	76.6	1200
OCT		100.0	99.0	97.4	96.1	92.3	84.5	62.1	35.7	6.0	72.7	1240
NOV		99.9	96.0	91.3	86.7	79.2	67.0	44.2	22.8	2.4	64.8	1200
DEC		99.7	97.4	92.0	85.4	77.6	67.4	49.5	28.1	6.6	66.3	1240
TOTALS		100.0	98.6	96.7	94.1	89.6	79.8	56.2	28.7	4.8	70.4	14608

NAVWEASERVCOM

PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS.

WIND DIRECTION

STATION NAME

93112

SAN DIEGO, CALIFORNIA

JAN 1973-DEC 1977

YEARS

JANUARY

MONTH

ALL

HOURS (L.S.T.)

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122+											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91											
82 TO 86	100.0									1	.1
77 TO 81	27.3	18.2	11.8		9.1	9.1	9.1	27.3		11	.9
72 TO 76	35.3		9.8		5.9	5.9		35.3	5.9	17	1.4
67 TO 71	26.8	4.9			2.4	12.2	9.8	22.0	12.2	41	3.3
62 TO 66	15.5	1.6	2.3	.8	10.1	7.8	12.4	31.8	17.8	129	10.4
57 TO 61	15.3	2.7	1.8	3.0	11.4	11.1	16.5	20.1	18.0	333	26.9
52 TO 56	11.1	2.1	5.6	10.9	9.8	8.5	7.7	10.3	34.0	377	30.4
47 TO 51	12.7	.9	18.3	10.9	.9	1.3	.4	1.7	52.8	229	18.5
42 TO 46	5.6	1.1	25.8	6.7					60.7	89	7.2
37 TO 41			30.8	7.7					61.5	13	1.0
32 TO 36											
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LWR											
TOTALS	13.5	2.1	6.5	6.6	7.5	7.2	8.5	13.6	32.3	1240	100.0

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.

93112
STATION

SAN DIEGO, CALIFORNIA

WIND DIRECTION

JAN 1973-DEC 1977

FEBRUARY

ALL

HOURS (L.S.T.)

YEARS

STATION NAME

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122+											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91											
82 TO 86											
77 TO 81	33.3			5.3	5.3	33.3	33.3		100.0	1	.1
72 TO 76	36.8					5.3				3	.3
67 TO 71	19.1	4.3		4.3	4.3	4.3	14.9	36.8	10.5	19	1.7
62 TO 66	19.5	3.0	2.4	6.1	6.1	6.1	16.3	44.7	8.5	47	4.2
57 TO 61	19.5	3.4	.8	5.4	14.6	7.3	14.6	32.9	9.1	164	14.5
52 TO 56	19.7	3.4	11.3	11.6	7.7	4.1	8.8	23.7	14.6	355	31.5
47 TO 51	8.1	.7	17.8	13.3	3.0	.7	3.0	7.0	30.4	388	34.4
42 TO 46			31.3	18.8				1.9	51.9	135	12.0
37 TO 41									50.0	16	1.4
32 TO 36											
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LWR											
TOTALS	15.6	2.9	7.1	7.9	8.8	5.4	11.1	17.3	23.9	1128	100.0

NAVWEASERVCOM

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.
WIND DIRECTION

STATION NAME: **SAN DIEGO, CALIFORNIA** STATION: **93112** MONTH: **MARCH** ALL HOURS (L.S.T.)

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122+											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91											
82 TO 86											
77 TO 81											
72 TO 76											
67 TO 71											
62 TO 66											
57 TO 61											
52 TO 56											
47 TO 51											
42 TO 46											
37 TO 41											
32 TO 36											
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LVR											
TOTALS	10.4	1.9	5.6	6.9	12.3	6.6	16.2	21.0	14.8	124.0	100.0

5709 FREQ. MIN. TEMP. VS. WIND DIR. JAN. 68

PERCENTAGE FREQUENCY OF AIR TEMPERATURE

VS.

WIND DIRECTION

93112

SAN DIEGO, CALIFORNIA

JAN 1973-DEC 1977

APRIL

ALL

STATION

STATION NAME

YEARS

MONTH

HOURS (L.S.T.)

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122 +											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91											
82 TO 86											
77 TO 81	25.0							75.0		4	.3
72 TO 76	26.3	10.5			5.3	5.3	10.5	42.1		19	1.6
67 TO 71	25.5				5.9		17.6	51.0		51	4.3
62 TO 66	9.5	1.7	.4		4.3	16.8	32.3	31.5	3.4	232	19.3
57 TO 61	8.8	1.2	1.5	3.4	13.1	14.9	22.4	20.7	14.1	590	49.2
52 TO 56	8.1	1.8	6.3	10.7	8.8	10.3	15.1	13.2	25.7	272	22.7
47 TO 51	3.7		33.3	11.1	18.5	3.7		7.4	22.2	27	2.3
42 TO 46			80.0						20.0	5	.4
37 TO 41											
32 TO 36											
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LWR											
TOTALS	9.6	1.6	3.3	4.3	10.0	13.1	21.6	22.5	14.0	1200	100.0

PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS.

93112
STATION

SAN DIEGO, CALIFORNIA

WIND DIRECTION

JAN 1973-DEC 1977

STATION NAME

YEARS

MAY

ALL

HOURS (L.S.T.)

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122+											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91											
82 TO 86											
77 TO 81											
72 TO 76											
67 TO 71											
62 TO 66											
57 TO 61											
52 TO 56											
47 TO 51											
42 TO 46											
37 TO 41											
32 TO 36											
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LWR											
TOTALS	5.2	1.1	1.0	2.3	15.8	21.3	26.7	19.7	6.9	124.0	100.0

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.

STATION 93112 SAN DIEGO, CALIFORNIA WIND DIRECTION JAN 1973-DEC 1977 MONTH JUNE ALL
STATION NAME YEARS HOURS (L.S.T.)

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122 +											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91	100.0				18.2	9.1	9.1	18.2		1	.1
82 TO 86	45.5			4.5	6.4	4.5	9.1	59.1		11	.9
77 TO 81	22.7	4.3			6.4	6.4	23.4	48.9	2.1	22	1.8
72 TO 76	8.5				6.1	8.1	28.8	45.5	4.0	47	3.9
67 TO 71	7.1	.5			11.6	19.6	22.2	28.0	6.1	198	16.5
62 TO 66	10.2	.9	.4	.9	19.4	15.7	22.3	14.2	11.9	571	47.6
57 TO 61	10.1	1.4	.6	4.3	40.0	60.0				345	28.8
52 TO 56										5	.4
47 TO 51											
42 TO 46											
37 TO 41											
32 TO 36											
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LWR											
TOTALS	10.2	1.1	.3	1.8	12.7	15.9	22.9	28.1	7.1	1200	100.0

PERCENTAGE FREQUENCY OF AIR TEMPERATURE

VS.

WIND DIRECTION

SAN DIEGO, CALIFORNIA

JAN 1973-DEC 1977

JULY

ALL

STATION

STATION NAME

YEARS

MONTH

HOURS (L.S.T.)

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122 +											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91											
82 TO 86	14.3				14.3	14.3	50.0	50.0		2	.2
77 TO 81	7.9			2.6	5.3	7.9	14.3	42.9		7	.6
72 TO 76	6.6			1.2	7.2	15.7	26.3	44.7	5.3	36	3.1
67 TO 71	7.9	.7		.9	8.8	22.8	27.1	39.8	2.4	166	13.4
62 TO 66	11.2	1.5	.4	1.1	17.4	19.1	21.4	33.0	4.3	443	35.7
57 TO 61				3.6	17.9	41.1	8.9	22.7	11.0	528	42.6
52 TO 56								5.4	23.2	56	4.5
47 TO 51											
42 TO 46											
37 TO 41											
32 TO 36											
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LWR											
TOTALS	8.8	.9	.2	1.2	12.6	20.6	19.3	28.7	7.8	1240	100.0

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.

WIND DIRECTION

STATION NAME
SAN DIEGO, CALIFORNIA

STATION
93112

JAN 1973-DEC 1977

YEARS

MONTH
AUGUST

HOURS (L.S.T.)
ALL

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122+											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91	100.0									1	.1
82 TO 86	100.0									1	.1
77 TO 81	13.8					6.9	34.5	44.8		29	2.3
72 TO 76	5.6				5.6	15.9	25.4	44.8	2.8	252	20.3
67 TO 71	15.7	.4	.9	.4	9.9	12.3	15.1	39.3	6.0	335	43.2
62 TO 66	20.2	3.0	.5	1.8	11.3	11.1	10.3	29.2	12.6	397	32.0
57 TO 61	58.3	4.2	12.5	4.2	8.3	8.3	4.2		8.3	24	1.9
52 TO 56											
47 TO 51											
42 TO 46											
37 TO 41											
32 TO 36											
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LWR											
TOTALS	16.0	1.2	.8	.7	9.1	12.4	15.9	36.5	7.3	1239	100.0

PERCENTAGE FREQUENCY OF AIR TEMPERATURE

VS.

WIND DIRECTION

93112 SAN DIEGO, CALIFORNIA

JAN 1973-DEC 1977

SEPTEMBER

ALL

STATION NAME

YEARS

MONTH

HOURS (L.S.T.)

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122 +											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96	16.7			16.7				66.7		6	.5
87 TO 91	37.5			12.5				50.0		8	.7
82 TO 86	38.3						22.2	33.3	11.1	9	.8
77 TO 81	21.3			4.3	4.3		23.4	38.3	8.5	47	3.9
72 TO 76	9.6	1.0		4.8			16.3	50.0	6.7	208	17.3
67 TO 71	18.4	1.0	.2	10.4			12.3	34.7	11.7	321	43.4
62 TO 66	15.7	1.3	.5	13.9			16.2	22.3	17.0	393	32.9
57 TO 61	16.7	16.7	16.7				16.7		16.7	6	.5
52 TO 56											
47 TO 51											
42 TO 46											
37 TO 41											
32 TO 36											
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LWR											
TOTALS	16.3	1.2	.3	1.3	10.3	10.1	14.7	33.9	12.3	1200	100.0

PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS. WIND DIRECTION

93112
STATION

SAN DIEGO, CALIFORNIA
STATION NAME

JAN 1973-DEC 1977
YEARS

OCTOBER
MONTH

ALL
HOURS (L.S.T.)

WIND DIRECTION											
TEMP.	NINW & N	NINE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122 +											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96								100.0		1	.1
87 TO 91	20.0							60.0	20.0	5	.4
82 TO 86	37.5							43.8	18.8	16	1.3
77 TO 81	30.4							52.2	4.3	23	1.9
72 TO 76	20.7						13.0	45.7	6.5	92	7.4
67 TO 71	18.6	1.3	2.2		6.5	1.1	17.4	38.6	8.7	311	25.1
62 TO 66	14.8	2.9	1.6	.6	6.1	8.7	15.8	25.8	20.8	554	44.7
57 TO 61	19.0	2.9	2.3	2.9	8.3	8.3	13.9	4.3	41.5	207	16.7
52 TO 56	6.5	3.2	9.2	11.6	6.3	3.4	7.7		61.3	31	2.5
47 TO 51			16.1	3.2		9.7					
42 TO 46											
37 TO 41											
32 TO 36											
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LWR											
TOTALS	16.3	2.2	3.5	3.5	6.8	6.8	13.0	27.2	20.8	1240	100.0

PERCENTAGE FREQUENCY OF AIR TEMPERATURE

VS.

WIND DIRECTION

JAN 1973-DEC 1977

SAN DIEGO, CALIFORNIA

93112

NOVEMBER

ALL

HOURS (L.S.T.)

MONTH

YEARS

STATION NAME

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122 +											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91											
82 TO 86											
77 TO 81											
72 TO 76											
67 TO 71											
62 TO 66											
57 TO 61											
52 TO 56											
47 TO 51											
42 TO 46											
37 TO 41											
32 TO 36											
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LWR											
TOTALS	16.3	2.3	6.0	5.0	8.8	6.3	8.9	15.8	30.5	1200	100.0

PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS.

93112
STATION

SAN DIEGO, CALIFORNIA

WIND DIRECTION

JAN 1973-DEC 1977

YEARS

STATION NAME

DECEMBER

MONTH

ALL

HOURS (L.S.T.)

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122+										
117 TO 121										
112 TO 116										
107 TO 111										
102 TO 106										
97 TO 101										
92 TO 96										
87 TO 91										
82 TO 86										
77 TO 81	40.0		3.3	20.0	3.3	13.3	40.0		5	.4
72 TO 76	33.3	1.6	1.6	3.3	6.7	13.3	33.3	3.3	30	2.4
67 TO 71	14.5	4.3	2.6	3.2	8.1	12.9	33.9	17.7	62	5.0
62 TO 66	14.7	3.4	5.7	5.2	9.1	9.9	25.4	16.8	232	18.7
57 TO 61	11.6	4.2	13.2	8.8	9.3	9.6	16.4	26.3	353	28.5
52 TO 56	14.4	4.2	9.9	7.2	4.5	5.7	4.8	36.0	333	26.9
47 TO 51	4.9	1.6	16.8	.5	1.1	1.1	.5	63.0	184	14.8
42 TO 46	7.5	5.0	12.5	5.0				70.0	40	3.2
37 TO 41			100.0						1	.1
32 TO 36										
27 TO 31										
22 TO 26										
17 TO 21										
12 TO 16										
7 TO 11										
2 TO 6										
-3 TO 1										
-8 TO -4										
-13 TO -9										
-18 TO -14										
-23 TO -19										
-28 TO -24										
-33 TO -29										
-38 TO -34										
-43 TO -39										
-48 TO -44										
-53 TO -49										
-58 TO -54										
-59 & LWR										
TOTALS	12.6	3.4	8.8	8.1	7.3	6.1	7.3	32.9	1240	100.0

PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS.

WIND DIRECTION

STATION NAME
SAN DIEGO, CALIFORNIA

YEARS
JAN 1973-DEC 1977

MONTH
ALL

HOURS (L.S.T.)
ALL

STATION
93112

WIND DIRECTION

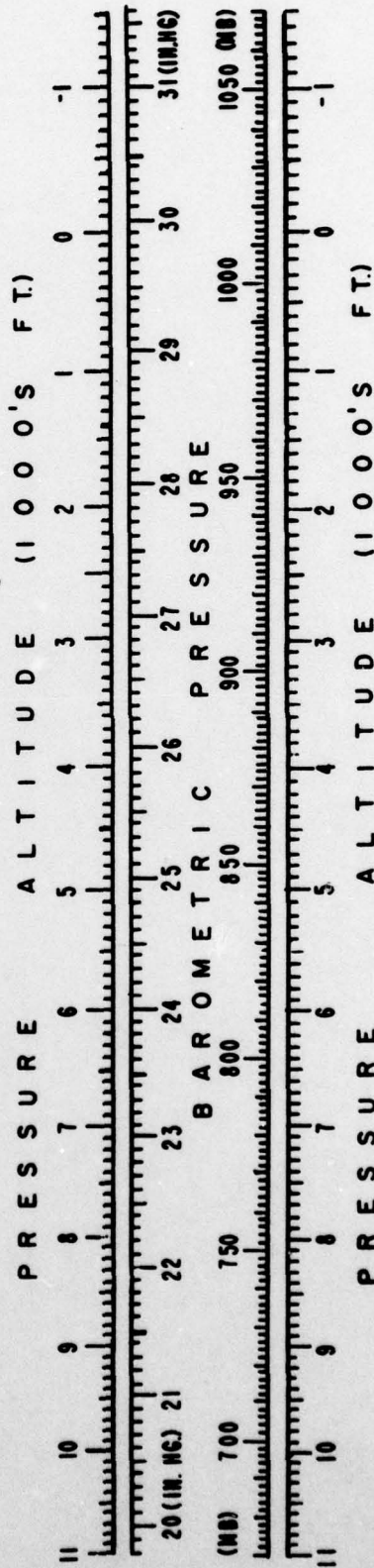
TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122 +											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96	14.3				14.3			71.4		7	.0
87 TO 91	31.6				5.3	5.3	10.5	42.1	5.3	19	.1
82 TO 86	34.9	3.2			4.8	3.2	6.3	34.9	12.7	63	.4
77 TO 81	20.8	1.9	.5	1.4	2.4	6.1	18.4	42.9	5.7	212	1.5
72 TO 76	13.4	.7	.5	.4	5.8	10.9	19.8	43.7	4.9	920	6.3
67 TO 71	19.2	.9	.7	.7	8.4	12.2	17.3	36.8	7.6	2422	16.6
62 TO 66	13.1	1.8	1.0	1.7	11.3	14.5	18.2	26.5	11.9	4143	26.4
57 TO 61	11.0	2.3	2.5	4.8	14.8	12.5	17.1	17.5	17.5	3773	25.6
52 TO 56	11.5	2.7	9.4	10.6	8.6	6.9	10.6	8.7	31.1	2112	14.3
47 TO 51	7.6	1.7	19.3	12.5	1.7	1.1	2.0	2.5	51.8	751	5.1
42 TO 46	4.7	1.8	24.9	6.5			.6		61.5	169	1.2
37 TO 41			35.7	7.1					57.1	14	.1
32 TO 36											
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LWR											
TOTALS	12.5	1.8	3.8	4.1	10.2	11.2	15.7	23.1	17.5	14607	100.0

PART F PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited to January 1946 through December 1963 because of changes in reporting practices before and after those dates.

1. Station pressure in inches of mercury.
2. Sea-level pressure in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure altitude in 1000's of feet. This scale is an enlarged model of the pressure altitude scale in the Smithsonian Meteorological Tables.



MEANS AND STANDARD DEVIATIONS

5707 MEANS AND STANDARD DEVIATIONS JAN 68

PRINTED BY THE STANDARD REGISTER COMPANY, U. S. A.

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

73-77

SAN DIEGO, CALIFORNIA

93112

HRS.(L.S.T.)	MEAN S. D. TOTAL OBS	YEARS												ANNUAL
		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	
01	30.024 .102 155	30.036 .101 141	30.062 .106 155	30.083 .083 150	30.062 .068 155	30.062 .068 155	30.062 .068 155	30.062 .068 155	30.062 .068 155	30.062 .068 155	30.062 .068 155	30.062 .068 155	30.062 .068 155	29.940 .102 1826
04	30.015 .103 155	30.015 .103 155	30.015 .103 155	30.015 .103 155	30.015 .103 155	30.015 .103 155	30.015 .103 155	30.015 .103 155	30.015 .103 155	30.015 .103 155	30.015 .103 155	30.015 .103 155	30.015 .103 155	29.928 .101 1826
07	30.035 .103 155	30.035 .103 155	30.035 .103 155	30.035 .103 155	30.035 .103 155	30.035 .103 155	30.035 .103 155	30.035 .103 155	30.035 .103 155	30.035 .103 155	30.035 .103 155	30.035 .103 155	30.035 .103 155	29.954 .100 1826
10	30.072 .102 155	30.072 .102 155	30.072 .102 155	30.072 .102 155	30.072 .102 155	30.072 .102 155	30.072 .102 155	30.072 .102 155	30.072 .102 155	30.072 .102 155	30.072 .102 155	30.072 .102 155	30.072 .102 155	29.974 .105 1826
13	30.003 .078 155	30.003 .078 155	30.003 .078 155	30.003 .078 155	30.003 .078 155	30.003 .078 155	30.003 .078 155	30.003 .078 155	30.003 .078 155	30.003 .078 155	30.003 .078 155	30.003 .078 155	30.003 .078 155	29.937 .094 1826
16	29.991 .100 155	29.991 .100 155	29.991 .100 155	29.991 .100 155	29.991 .100 155	29.991 .100 155	29.991 .100 155	29.991 .100 155	29.991 .100 155	29.991 .100 155	29.991 .100 155	29.991 .100 155	29.991 .100 155	29.915 .095 1826
19	30.017 .103 155	30.017 .103 155	30.017 .103 155	30.017 .103 155	30.017 .103 155	30.017 .103 155	30.017 .103 155	30.017 .103 155	30.017 .103 155	30.017 .103 155	30.017 .103 155	30.017 .103 155	30.017 .103 155	29.929 .101 1826
22	30.039 .102 155	30.039 .102 155	30.039 .102 155	30.039 .102 155	30.039 .102 155	30.039 .102 155	30.039 .102 155	30.039 .102 155	30.039 .102 155	30.039 .102 155	30.039 .102 155	30.039 .102 155	30.039 .102 155	29.951 .101 1826
ALL HOURS	30.024 .104 1240	30.024 .104 1240	30.024 .104 1240	30.024 .104 1240	30.024 .104 1240	30.024 .104 1240	30.024 .104 1240	30.024 .104 1240	30.024 .104 1240	30.024 .104 1240	30.024 .104 1240	30.024 .104 1240	30.024 .104 1240	29.941 .101 14608

MEANS AND STANDARD DEVIATIONS

5707 MEANS AND STANDARD DEVIATIONS JAN 68

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SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

93112 SAN DIEGO, CALIFORNIA

73-77

YEARS

STATION NAME

HRS.(LST.)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
01	MEAN S. D. TOTAL OBS	1018.4 3.446 155	1018.8 3.406 141	1016.4 3.568 155	1016.1 2.810 150	1014.4 2.296 155	1012.8 2.303 150	1013.3 1.954 155	1013.4 1.760 155	1013.1 2.169 150	1015.1 2.292 155	1016.7 2.971 155	1015.5 3.442 1826
04	MEAN S. D. TOTAL OBS	1018.1 3.458 155	1018.1 3.451 141	1015.6 3.586 155	1015.5 2.837 150	1014.0 2.271 155	1012.5 2.296 150	1013.1 1.999 155	1013.1 1.808 155	1012.7 2.241 150	1014.7 2.294 155	1016.3 2.994 155	1015.1 3.421 1826
07	MEAN S. D. TOTAL OBS	1018.7 3.480 155	1018.9 3.480 141	1016.6 3.541 155	1016.5 2.846 150	1014.8 2.341 155	1013.4 2.310 150	1014.1 1.998 155	1014.2 1.856 155	1013.6 2.347 150	1015.5 2.359 155	1017.2 3.068 155	1016.0 3.396 1826
10	MEAN S. D. TOTAL OBS	1020.0 3.454 155	1019.9 3.378 141	1017.4 3.525 155	1017.1 2.755 150	1015.3 2.389 155	1013.8 2.311 150	1014.5 1.957 155	1014.6 1.855 155	1014.1 2.368 150	1016.1 2.358 155	1016.0 3.042 155	1016.7 3.538 1826
13	MEAN S. D. TOTAL OBS	1017.7 3.306 155	1018.2 3.215 141	1016.3 3.386 155	1016.3 2.617 150	1014.8 2.275 155	1013.4 2.339 150	1013.9 1.924 155	1013.8 1.899 155	1013.1 2.293 150	1014.5 2.306 155	1016.1 3.004 155	1015.5 3.172 1826
16	MEAN S. D. TOTAL OBS	1017.2 3.372 155	1017.5 3.114 141	1015.4 3.317 155	1015.3 2.549 150	1014.0 2.178 155	1012.6 2.277 150	1012.9 1.965 155	1012.8 1.916 155	1012.1 2.218 150	1013.9 2.265 155	1015.6 2.896 155	1014.7 3.212 1826
19	MEAN S. D. TOTAL OBS	1018.1 3.468 155	1018.2 3.155 141	1015.9 3.396 155	1015.6 2.667 150	1014.2 2.203 155	1012.6 2.284 150	1012.9 1.926 155	1012.6 1.861 155	1012.6 2.166 150	1014.4 2.275 155	1016.4 2.977 155	1015.1 3.413 1826
22	MEAN S. D. TOTAL OBS	1018.9 3.441 155	1018.9 3.339 141	1015.7 3.507 155	1016.5 2.677 150	1015.0 2.256 155	1013.3 2.276 150	1013.9 1.914 155	1013.7 1.817 155	1013.4 2.203 150	1015.3 2.278 155	1017.1 2.977 155	1015.9 3.399 1826
ALL HOURS	MEAN S. D. TOTAL OBS	1018.4 3.510 1240	1018.6 3.377 1128	1016.3 3.522 1240	1016.1 2.771 1200	1014.6 2.318 1240	1013.1 2.337 1200	1013.6 2.025 1240	1013.6 1.933 1240	1013.1 2.323 1200	1015.1 2.384 1240	1016.7 3.288 1200	1015.6 3.425 14608